Preliminary notes

This document contains all questions and codes for wave 2018 of the Swiss Household Energy Demand Survey (SHEDS). The related datasets are named SHEDS2018.xyz.

Conventions:

- Variable names are written in **bold**.
- For questions coded in several variables, a suffix \(_n\) (n = 1, 2, …, N) is appended to differentiate items. Suffixes are indicated in brackets [].
- Response codes are indicated in parentheses ().
- In questions where a single answer is possible, choices appear with a circle “O”.
- In questions where multiple answers are possible, choices appear with a square “□”.
- Text shaded in grey provides additional indications that were not shown to the respondents.
- Negative values indicate special types of missing values. In particular:
  - -1 = does not know (labelled dnk)
  - -2 = does not apply (labelled dna): the question is irrelevant, and hence not displayed to the respondent
- Compared to previous waves, questions that have changed marginally are appended with a final letter to emphasize the change and prevent any unnoticed mistake when merging different waves. For example, \(\text{accom2}\) in 2016 has been changed to \(\text{accom2a}\) since 2017 because house \(\text{accom2} = 1\) has been split to detached house \(\text{accom2a} = 5\), semi-detached house \(\text{accom2a} = 6\) and terraced house \(\text{accom2a} = 7\). In the same spirit, codes of the old variable that were changed (e.g., 1 in \(\text{accom2}\)) are not reused in the new variable.
- The questions are listed in the same order they appear for the respondents during the survey. The numbering of questions is thus not always in the logical order.
- Returning respondents (i.e., those who already answered SHEDS in 2016 and/or 2017, thereafter: “old”) are identified by the value 1 (= 2016 only), 2 (= 2017 only) or 3 (both 2016 and 2017) in variable \(\text{old}\). The new respondents (thereafter “fresh”) are identified by the value 0 in \(\text{old}\).
- Five different choice experiments were conducted on returning respondents. Each respondent was assigned a single choice experiment, as indicated by the variable \(\text{group\_ce}\):
  1. SEQ (responsible group: UniNe)
  2. SUS (responsible group: UniBas)
  3. AUT (responsible group: UniBas)
  4. NET (responsible group: CEPE)
  5. PRO (responsible group: UniNe)

The data relative to the choice experiments are excluded from the main database and provided in secondary databases, as indicated at the beginning of each dedicated section. The link between the main database and the secondary databases can be done using the respondents’ \(\text{id}\).
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### Interview data (from Qualtrics)

<table>
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<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>id</strong></td>
<td>Respondent's ID number (from 3 to 10350)</td>
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</tbody>
</table>
| **old**        | Respondent’s cohort in SHEDS:  
                    0 = fresh respondent  
                    1 = respondent who already answered SHEDS 2016 (only)  
                    2 = respondent who already answered SHEDS 2017 (only)  
                    3 = respondent who already answered both SHEDS 2016 and 2017 |
| **group_ce**   | Indicator for the choice experiment group  
                    1 = SEQ (responsible group: UniNe)  
                    2 = SUS (responsible group: UniBas)  
                    3 = AUT (responsible group: UniBas)  
                    4 = NET (responsible group: CEPE)  
                    5 = PRO (responsible group: UniNe) |
| **q_language** | Language used by respondent during the questionaire (DE = German, EN = English, FR = French) |
| **q_totalduration** | Duration of questionnaire (in minutes) |
| **start**      | Date and time when questionnaire was started by respondent (format: DDMMYYYY hh:mm:ss) |
| **time1**      | Date and time recorded after Introduction (format DD.MM.YYYY hh:mm:ss) |
| **time2**      | Date and time recorded after Mobility (format DD.MM.YYYY hh:mm:ss) |
| **time3**      | Date and time recorded after Choice experiment (format DD.MM.YYYY hh:mm:ss) |
| **time4**      | Date and time recorded after Electricity (format DD.MM.YYYY hh:mm:ss) |
| **time5**      | Date and time recorded after Accommodation (format DD.MM.YYYY hh:mm:ss) |
| **time6**      | Date and time recorded after Heating (format DD.MM.YYYY hh:mm:ss) |
| **time7**      | Date and time recorded after Psychological attitudes (format DD.MM.YYYY hh:mm:ss) |
| **time8**      | Date and time recorded after Social performance (format DD.MM.YYYY hh:mm:ss) |
| **time9**      | Date and time recorded after Habits and routines (format DD.MM.YYYY hh:mm:ss) |
| **time10**     | Date and time recorded after Social context (format DD.MM.YYYY hh:mm:ss) |
| **time11**     | Date and time recorded after Energy literacy (format DD.MM.YYYY hh:mm:ss) |
| **time12**     | Date and time recorded after Socio-economics (format DD.MM.YYYY hh:mm:ss) |
| **end**        | Date and time when questionnaire was ended by respondent (format: DDMMYYYY hh:mm:ss) |
Master data (from Intervista)

These variables are available for respondents who were not screened out (*screen ≠ 3*)

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
</table>
| **age**  | Respondent’s age (in years, Intervista)  
Because the evolution of age is not always consistent across waves, one might want to correct age and enforce consistency. This seems particularly important for longitudinal analyses. To this end, variable *age_corr* has been created as follows:  
1. For respondents with more than two waves: we check if two observations are consistent and adapt the other observations accordingly (if more than 3 waves, there might be several pairs of consistent observations; in such cases, the most recent pair is considered as being correct)  
2. For respondents with two waves only or for respondents with more than two waves but rule 1 does not apply: we consider the most recent observation as being correct and adapt the other observations accordingly |
| **agegr** | Age groups, used for quotas (Intervista)  
1 18-34 (target quota: 30%)  
2 35-54 (target quota: 40%)  
3 55+ (target quota: 30%)  
Variable *agegr_corr* (based on *age_corr*; see above) is also provided. |
| **sex**  | Sex, used for quotas (Intervista)  
0 Male (target quota: 49%)  
1 Female (target quota: 51%) |
| **zip**  | ZIP code at home (Intervista) |
| **region** | Region, used for quotas (Intervista)  
1 Suisse romande (target quota: 25%)  
2 Alpen und Voralpen  
3 Westmittelstand  
4 Ostmittelstand (target quota: 75%) |
| **flat_rented** | Living situation: flat rented (Intervista)  
0 no  
1 yes |
| **house_rented** | Living situation: house rented (Intervista)  
0 no  
1 yes |
| **flat_owned** | Living situation: flat owned (Intervista)  
0 no  
1 yes |
| **house_owned** | Living situation: house owned (Intervista)  
0 no  
1 yes |
| **residtype** | Living situation, used for quotas (Intervista)  
1 Tenant (target quota: 62.5%)  
2 Owner (target quota: 37.5%)  
Variable constructed as follows: 1 if *flat_owned* = 0 and *house_owned* = 0, 2 if *flat_owned* = 1 or *house_owned* = 1. |
<p>| <strong>duration</strong> | Duration of questionnaire (in minutes, Intervista) |</p>
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<tr>
<th>md_bildung</th>
<th>Education (Intervista)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1 Less than compulsory school</td>
</tr>
<tr>
<td></td>
<td>2 Compulsory school</td>
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<tr>
<td></td>
<td>3 Domestic school</td>
</tr>
<tr>
<td></td>
<td>4 Basic vocational school</td>
</tr>
<tr>
<td></td>
<td>5 Vocational/general school</td>
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<tr>
<td></td>
<td>6 Apprenticeship</td>
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<tr>
<td></td>
<td>7 Full-time vocational school</td>
</tr>
<tr>
<td></td>
<td>8 High school</td>
</tr>
<tr>
<td></td>
<td>9 University, ETH, university of applied sciences</td>
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</table>

<table>
<thead>
<tr>
<th>md_beruf</th>
<th>Occupation status (Intervista)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 School student</td>
</tr>
<tr>
<td></td>
<td>2 Student</td>
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<tr>
<td></td>
<td>3 Apprentice</td>
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<td></td>
<td>4 Homemaker</td>
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<td>5 Employee</td>
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<td>6 Self-employed</td>
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<td></td>
<td>7 Entrepreneur</td>
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<td>8 Farmer</td>
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<td>9 Retired</td>
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<td></td>
<td>10 Unemployed</td>
</tr>
<tr>
<td></td>
<td>11 Other</td>
</tr>
<tr>
<td>md_branche</td>
<td>Sector (Intervista)</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Elektrotechnik, Elektronik, Uhren</td>
</tr>
<tr>
<td>2</td>
<td>Bank, Finanzen</td>
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<td>3</td>
<td>Baugewerbe, Architektur</td>
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<td>4</td>
<td>Chemie, Pharma</td>
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<td>5</td>
<td>Consulting, persönliche Dienstleistungen</td>
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<td>6</td>
<td>E-Commerce</td>
</tr>
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<td>7</td>
<td>Einzelhandel, Grosshandel, Reparaturen</td>
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<tr>
<td>8</td>
<td>Energiewirtschaft, Versorgung</td>
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<tr>
<td>9</td>
<td>Lebensmittelherstellung/-verarbeitung, Tabak</td>
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<td>10</td>
<td>Erziehung, Bildung, Unterricht</td>
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<td>11</td>
<td>Gastronomie, Hotellerie, Tourismus</td>
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<td>12</td>
<td>Gemeinnützige Unternehmen, Sozialwesen, Kirche</td>
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<td>13</td>
<td>Gesundheitswesen / Medizin</td>
</tr>
<tr>
<td>14</td>
<td>Sport</td>
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<tr>
<td>15</td>
<td>Immobilienwirtschaft</td>
</tr>
<tr>
<td>16</td>
<td>IT / Informatik</td>
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<tr>
<td>17</td>
<td>Kultur (Kunst, Literatur, Theater, Musik, Kino)</td>
</tr>
<tr>
<td>18</td>
<td>Landwirtschaft, Gartenbau, Forstwirtschaft, Fischerei</td>
</tr>
<tr>
<td>19</td>
<td>Markt- und Meinungsforschung</td>
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<td>Ingenieurwesen, Metallverarbeitung, Maschinenbau, Fahrzeugbau</td>
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<td>21</td>
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<td>Öffentliche Verwaltung</td>
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<td>Papier, Druck</td>
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<tr>
<td>25</td>
<td>Rechtswesen / Justiz</td>
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<td>Personenverkehr, Mobilität</td>
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<td>27</td>
<td>Sicherheit</td>
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<td>28</td>
<td>Telekommunikation</td>
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<td>29</td>
<td>Textil, Bekleidung, Leder</td>
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<td>30</td>
<td>Logistik, Post, Gütertransport</td>
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<td>31</td>
<td>Versicherungen</td>
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<td>32</td>
<td>Werbung, Graphik, Kommunikation, Marketing, PR</td>
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<td>Wissenschaft</td>
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<td>Column</td>
<td>Description</td>
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<tr>
<td>----------------</td>
<td>--------------------------------------------------</td>
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</table>
| md_standort    | Unternehmensstandort (Intervista)                | 1 ZH  
2 BE  
3 LU  
4 UR  
5 SZ  
6 OW  
7 NW  
8 GL  
9 ZG  
10 FR  
11 SO  
12 BS  
13 BL  
14 SH  
15 AR  
16 AI  
17 SG  
18 GR  
19 AR  
20 TG  
21 TI  
22 VD  
23 VS  
24 NE  
25 GE  
26 JU  
27 Liechtenstein  
28 Abroad |
| md_zivil       | Civil status (Intervista)                        | 1 Single  
2 Married  
3 Divorced  
4 Widowed |
| md_ek          | Household gross income per month (Intervista)    | 1 Less than 3,000  
2 3,000-4,500  
3 4,501-6,000  
4 6,001-9,000  
5 9,001-12,000  
6 More than 12,000  
-1 no answer/does not know |
| md_schweiz     | Nationality: Switzerland (Intervista)            | 0 no  
1 yes |
| md_italien     | Nationality: Italy (Intervista)                  | 0 no  
1 yes |
| md_deutschland | Nationality: Germany (Intervista)                | 0 no  
1 yes |
| md_spanien     | Nationality: Spain (Intervista)                  | 0 no  
1 yes |
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Value</th>
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<tr>
<td>md_portugal</td>
<td>Nationality: Portugal (Intervista)</td>
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<td>1 yes</td>
</tr>
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<td>md_kroatien</td>
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<td>1 yes</td>
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<td>md_serbien</td>
<td>Nationality: Serbia (Intervista)</td>
<td>0 no</td>
<td>1 yes</td>
</tr>
<tr>
<td>md_frankreich</td>
<td>Nationality: France (Intervista)</td>
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<td>md_oesterreich</td>
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<td>Nationality: UK (Intervista)</td>
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<td>1 yes</td>
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<td>md_usa</td>
<td>Nationality: USA (Intervista)</td>
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<td>1 yes</td>
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<td>md_niederlande</td>
<td>Nationality: Netherlands (Intervista)</td>
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<td>1 yes</td>
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<td>md_natandere</td>
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<td>1 yes</td>
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<td>md_wohntyp3_alt</td>
<td>Type of living area (Intervista)</td>
<td>1 City</td>
<td>2 Agglomeration</td>
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<td><strong>md_kanton</strong></td>
<td>Canton of residence (Intervista)</td>
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<tr>
<td>28 Abroad</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>md_hhgr</strong></th>
<th>Household size (Intervista)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>md_hh_agep1 to md_hh_agep14</strong></td>
<td>Age of additional person 1 to 14 in HH (in years, Intervista)</td>
</tr>
<tr>
<td><strong>md_204</strong></td>
<td>Abo-Besitz: GA 1. Klasse (Intervista)</td>
</tr>
<tr>
<td><strong>md_205</strong></td>
<td>Abo-Besitz: GA 2. Klasse (Intervista)</td>
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<tr>
<td><strong>md_205a</strong></td>
<td>Abo-Besitz: GA FVP (Intervista)</td>
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<tr>
<td><strong>md_206</strong></td>
<td>Abo-Besitz: 1/2-Tax-Abonnement (Intervista)</td>
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<tr>
<td><strong>md_207</strong></td>
<td>Abo-Besitz: Gleis 7 (Intervista)</td>
</tr>
<tr>
<td><strong>md_208</strong></td>
<td>Abo-Besitz: Streckenabonnement (Intervista)</td>
</tr>
<tr>
<td><strong>md_209</strong></td>
<td>Abo-Besitz: Verbundabonnement (Intervista)</td>
</tr>
<tr>
<td><strong>md_210</strong></td>
<td>Abo-Besitz: Inter-Abonnement (Intervista)</td>
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<td><strong>md_211</strong></td>
<td>Abo-Besitz: Sonstiges (Intervista)</td>
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<td>Abo-Besitz: Sonstiges (Textfeld) (Intervista)</td>
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<td><strong>md_212</strong></td>
<td>Abo-Besitz: Keines (Intervista)</td>
</tr>
<tr>
<td><strong>md_213</strong></td>
<td>Train ticket (Intervista)</td>
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<tr>
<td><strong>md_214</strong></td>
<td>Train usage (Intervista)</td>
</tr>
<tr>
<td><strong>md_220</strong></td>
<td>Number of cars in household (Intervista)</td>
</tr>
<tr>
<td><strong>md_alfa</strong></td>
<td>Alfa Romeo (Intervista)</td>
</tr>
<tr>
<td><strong>md_audi</strong></td>
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<td>Inaktiv: Freizeit: Bars, Kneipen, Cafés (Intervista)</td>
</tr>
<tr>
<td>md_875</td>
<td>Inaktiv: Freizeit: Shopping, Schaufensterbummel (Intervista)</td>
</tr>
<tr>
<td>md_876</td>
<td>Inaktiv: Freizeit: Theater, Museen, Galerien (Intervista)</td>
</tr>
<tr>
<td>md_877</td>
<td>Inaktiv: Freizeit: Besuch von Pop-, Rockkonzerten (Intervista)</td>
</tr>
<tr>
<td>md_830</td>
<td>Inaktiv: Sport: Badminton (Intervista)</td>
</tr>
<tr>
<td>md_801</td>
<td>Inaktiv: Sport: Basketball, Streetball (Intervista)</td>
</tr>
<tr>
<td>md_802</td>
<td>Inaktiv: Sport: Eishockey (Intervista)</td>
</tr>
<tr>
<td>md_803</td>
<td>Inaktiv: Sport: Eisslaufen (Intervista)</td>
</tr>
<tr>
<td>md_804</td>
<td>Inaktiv: Sport: Fitnesstraining (Intervista)</td>
</tr>
<tr>
<td>md_805</td>
<td>Inaktiv: Sport: Fussball (Intervista)</td>
</tr>
<tr>
<td>md_832</td>
<td>Inaktiv: Sport: Golf (Intervista)</td>
</tr>
<tr>
<td>md_806</td>
<td>Inaktiv: Sport: Handball (Intervista)</td>
</tr>
<tr>
<td>md_807</td>
<td>Inaktiv: Sport: Inline-Skating (Intervista)</td>
</tr>
<tr>
<td>md_808</td>
<td>Inaktiv: Sport: Jogging (Intervista)</td>
</tr>
<tr>
<td>md_809</td>
<td>Inaktiv: Sport: Kampfsportarten (Intervista)</td>
</tr>
<tr>
<td>md_810</td>
<td>Inaktiv: Sport: Kanu, Kajak (Intervista)</td>
</tr>
<tr>
<td>md_811</td>
<td>Inaktiv: Sport: Kegeln, Bowling (Intervista)</td>
</tr>
<tr>
<td>md_812</td>
<td>Inaktiv: Sport: Klettern, Bergsteigen (Intervista)</td>
</tr>
<tr>
<td>md_813</td>
<td>Inaktiv: Sport: Krafttraining, Bodybuilding (Intervista)</td>
</tr>
<tr>
<td>md_814</td>
<td>Inaktiv: Sport: Leichtathletik (Intervista)</td>
</tr>
<tr>
<td>md_831</td>
<td>Inaktiv: Sport: Radfahren, Mountainbike (Intervista)</td>
</tr>
<tr>
<td>md_833</td>
<td>Inaktiv: Sport: Reiten (Intervista)</td>
</tr>
<tr>
<td>md_815</td>
<td>Inaktiv: Sport: Rudern (Intervista)</td>
</tr>
<tr>
<td>md_816</td>
<td>Inaktiv: Sport: Schiessen (Intervista)</td>
</tr>
<tr>
<td>md_817</td>
<td>Inaktiv: Sport: Schneesport (Intervista)</td>
</tr>
<tr>
<td>md_818</td>
<td>Inaktiv: Sport: Schwimmen (Intervista)</td>
</tr>
<tr>
<td>md_819</td>
<td>Inaktiv: Sport: Segeln (Intervista)</td>
</tr>
<tr>
<td>md_820</td>
<td>Inaktiv: Sport: Squash (Intervista)</td>
</tr>
<tr>
<td>md_821</td>
<td>Inaktiv: Sport: Tanzen (Intervista)</td>
</tr>
<tr>
<td>md_822</td>
<td>Inaktiv: Sport: Tauchen (Intervista)</td>
</tr>
<tr>
<td>md_823</td>
<td>Inaktiv: Sport: Tennis (Intervista)</td>
</tr>
<tr>
<td>md_824</td>
<td>Inaktiv: Sport: Turnen, Gymnastik (Intervista)</td>
</tr>
<tr>
<td>md_825</td>
<td>Inaktiv: Sport: Unihockey, Feldhockey, Rollhockey (Intervista)</td>
</tr>
<tr>
<td>md_827</td>
<td>Inaktiv: Sport: Wandern, Walking, Bergwandern (Intervista)</td>
</tr>
<tr>
<td>md_828</td>
<td>Inaktiv: Sport: Windsurfen, Surfen, Kitesurfen (Intervista)</td>
</tr>
<tr>
<td>md_829</td>
<td>Inaktiv: Sport: Yoga, Tai Chi, Qi Gong o.ä. (Intervista)</td>
</tr>
<tr>
<td>md_826</td>
<td>Inaktiv: Sport: Volleyball, Beachvolleyball (Intervista)</td>
</tr>
<tr>
<td>md_850</td>
<td>Inaktiv: Hobby: Basteln, Heimwerken (Intervista)</td>
</tr>
<tr>
<td>md_851</td>
<td>Inaktiv: Hobby: Fotografieren, Videos aufnehmen (Intervista)</td>
</tr>
<tr>
<td>md_852</td>
<td>Inaktiv: Hobby: Handarbeiten (Intervista)</td>
</tr>
<tr>
<td>md_853</td>
<td>Inaktiv: Hobby: Karten- / Brettspiele (Intervista)</td>
</tr>
<tr>
<td>md_854</td>
<td>Inaktiv: Hobby: Kochen (Intervista)</td>
</tr>
<tr>
<td>md_855</td>
<td>Inaktiv: Hobby: Kosmetik/Styling (Intervista)</td>
</tr>
<tr>
<td>md_856</td>
<td>Inaktiv: Hobby: Musizieren (Intervista)</td>
</tr>
<tr>
<td>md_857</td>
<td>Inaktiv: Hobby: Pflanzen, Gartenarbeit (Intervista)</td>
</tr>
<tr>
<td>md_858</td>
<td>Inaktiv: Hobby: Spazierengehen, Wandern, Ausflüge (Intervista)</td>
</tr>
<tr>
<td>md_859</td>
<td>Inaktiv: Hobby: Spiele mit Computer, Playstation, Smartphone. (Intervista)</td>
</tr>
<tr>
<td>md_860</td>
<td>Inaktiv: Hobby: Vereinsarbeit (Intervista)</td>
</tr>
<tr>
<td>md_861</td>
<td>Inaktiv: Hobby: Zeichnen, Malen (Intervista)</td>
</tr>
<tr>
<td>md_880</td>
<td>Parteipräferenz (Intervista)</td>
</tr>
<tr>
<td>md_901</td>
<td>Unternehmensgrösse (Intervista)</td>
</tr>
<tr>
<td>md_902</td>
<td>Verantwortlichkeit: Marketing (Intervista)</td>
</tr>
<tr>
<td>md_903</td>
<td>Verantwortlichkeit: IT (Intervista)</td>
</tr>
<tr>
<td>md_904</td>
<td>Verantwortlichkeit Versicherungen (Intervista)</td>
</tr>
<tr>
<td>md_905</td>
<td>Verantwortlichkeit: Personal (Intervista)</td>
</tr>
<tr>
<td>md_906</td>
<td>Verantwortlichkeit: Finanzen (Intervista)</td>
</tr>
<tr>
<td>md_907</td>
<td>Verantwortlichkeit techn. Leitung (Intervista)</td>
</tr>
<tr>
<td>md_908</td>
<td>Verantwortlichkeit: Vertrieb/ Sales (Intervista)</td>
</tr>
<tr>
<td>md_909</td>
<td>Verantwortlichkeit: Telekommunikation (Intervista)</td>
</tr>
<tr>
<td>md_910</td>
<td>Verantwortlichkeit: Logistik/ Post (Intervista)</td>
</tr>
<tr>
<td>md_920</td>
<td>Inhaber (Intervista)</td>
</tr>
<tr>
<td>md_921</td>
<td>Mitglied des Verwaltungsrats (Intervista)</td>
</tr>
<tr>
<td>--------</td>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>md_922</td>
<td>Mitglied der Geschäftsleitung (Intervista)</td>
</tr>
<tr>
<td>md_923</td>
<td>Oberes Management (Intervista)</td>
</tr>
<tr>
<td>md_924</td>
<td>Mittleres Management (Intervista)</td>
</tr>
<tr>
<td>md_925</td>
<td>Abteilungs-/Teamleitung (Intervista)</td>
</tr>
</tbody>
</table>
Introduction

Intro
Only displayed to "fresh" respondents (old = 0).

Welcome to the Swiss Household Energy Demand Survey (SHEDS) 2018
The Swiss Household Energy Demand Survey (SHEDS) has been developed as part of the research agenda of the Competence Center for Research in Energy, Society, and Transition (SCCER CREST), to analyze Swiss households’ energy consumption and energy-related behaviors. The survey has been already conducted twice (2016 and 2017) on a sample of 5,000 respondents representative of the Swiss population (excluding Ticino).
The complete questionnaire should take about 30 minutes. It is possible to quit the survey and resume later. All your answers will be treated anonymously and confidentially. They will only be used for scientific analyses by academic researchers.
Your participation is highly appreciated.

intro_old
Only displayed to "old" respondents (old = 1/2/3).

Welcome to the Swiss Household Energy Demand Survey (SHEDS) 2018
The Swiss Household Energy Demand Survey (SHEDS) has been developed as part of the research agenda of the Competence Center for Research in Energy, Society, and Transition (SCCER CREST), to analyze Swiss households’ energy consumption and energy-related behaviors. The survey has been already conducted twice (2016 and 2017) on a sample of 5,000 respondents representative of the Swiss population (excluding Ticino).
You have already participated in a similar survey in the last couple of years. Some questions are intentionally repeated. However, please answer all the questions as accurately and truthfully as possible, thinking about your current situation.
The complete questionnaire should take about 30 minutes. It is possible to quit the survey and resume later. All your answers will be treated anonymously and confidentially. They will only be used for scientific analyses by academic researchers.
Your participation is highly appreciated.

screen
Only displayed to "fresh" respondents (old = 0).
Are you the responsible person in your household?
For example: you take care of expenses, and/or invoices, ...
○ Yes, I am the only responsible person. (1)
○ Yes, I am partly responsible. (2)
○ No, I am not the responsible person, even partially. (3) → end of survey
Mobility (mob1 to mob19)

**mob1**
How many public transport tickets of each type does your household own?

<table>
<thead>
<tr>
<th>Ticket Type</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA travel card(s) [ _1 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Half-fare travel card(s) [ _2 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Regional travel card(s) [ _3 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
</tbody>
</table>

**mob2**
How many vehicles of each type does your household own?

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car(s) [ _1 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Motorbike(s) [ _2 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Bike(s) [ _3 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>E-bike(s) [ _4 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
</tbody>
</table>

If car = 0, jump to mob11a.

**mob3_change**
Only displayed to respondents with old = 1/2/3 and who did not indicate 0 car in mob2.
In the last 12 (for old=2/3) / 24 (for old=1) months, have you changed the car you use the most?
- Yes (1)
- No (0)

If "No", jump to mob7.
Please indicate the characteristics of your car. If you own several cars, consider the main (most used) car. If your car does not appear in the list, leave the fields blank and specify these items in the next question.

Manufacturer: [ _1 ]
Model: [ _2 ]
Engine: [ _3 ]
  ☒ Gasoline (1)
  ☒ Diesel (2)
  ☒ Natural gas (3)
  ☒ E85 (4)
  ☒ Electric (including hybrid) (5)
Transmission: [ _4 ]
  ☒ Manual (1)
  ☒ Automatic (2)
Number of doors: [ _5 ]

Enter here the characteristics of your car if they do not appear in the list above (= list proposed in mob3).

___________________________

When did you purchase the car?
Year [ _1 ]: yyyy if ≥ 1990, before 1990 (1989), I do not know (-1)
Month [ _2 ]: Jan (1), …, Dec (12), I do not know (-1)

When was the car registered for the first time?
Year [ _1 ]: yyyy if ≥ 1990, before 1990 (1989), I do not know (-1)
Month [ _2 ]: Jan (1), …, Dec (12), I do not know (-1)

How much did you spend for purchasing your car?
Give your best estimation. (Only integers, no decimals)
CHF __________ accepted range: 1-999999 (at most 6 digits, no decimals)

When you purchased the car, how many kilometers did the odometer read?
Give your best estimation. (Only integers, no decimals).
km: __________ accepted range: 1-999999 (at most 6 digits, no decimals)
mob7
Currently, how many kilometers does the odometer read?
*Give your best estimation. (Only integers, no decimals)*
km: __________ accepted range: km at time of purchase (mob6)-999999 (at most 6 digits, no decimals)

mob7a
On average, how many kilometers do you drive per year?

- Up to 5,000 (1)
- Up to 10,000 (2)
- Up to 15,000 (3)
- Up to 20,000 (4)
- Up to 25,000 (5)
- Up to 30,000 (6)
- Up to 35,000 (7)
- Up to 40,000 (8)
- Up to 45,000 (9)
- Up to 50,000 (10)
- More than 50,000 (11)
- I do not know (-1)

mob7b
In an average month, how much do you spend on fuel?
*Give your best estimation. (Only integers, no decimals)*
CHF __________ accepted range: 1-9999 (at most 4 digits, no decimals)

mob7c
How much was the price of fuel last time you filled up the gas tank?
*Give your best estimation. (At most two decimals)*
If fuel used by your car is not provided in litres (but for example in kg of natural gas or in kWh of electricity), please use the second field and specify the units.

- CHF/L: [ _1 ] __________ accepted range: 0.01-4.99 (at most 1 digit + 2 decimals)
- Other units (please specify the units): [ _2 ] __________

mob9
In your experience, how much does the car consume over 100km?
*Give your best estimation. (At most one decimal)*
If consumption for your car is not provided in liters (but for example in kg of natural gas or in kWh of electricity), please use the second field and specify the type of fuel used.

- L/100km: [ _1 ] __________ accepted range: 0.1-99.9 (at most 2 digits + 1 decimal)
- Other units (please specify the units): [ _2 ] __________
mob10
Only displayed to “fresh” respondents (old = 0) and to “old” respondents (old = 1/2/3) who indicated they have changed cars (mob3_change1/2 = 1).
What is the energy label of the car?
- A (1)
- B (2)
- C (3)
- D (4)
- E (5)
- F (6)
- G (7)
- I do not know (-1)

mob10a
How many grams of CO$_2$ emissions does your car generate per km?
*Give your best estimation.*

\[
g\text{CO}_2/\text{km}: \quad \text{__________ accepted range: } \# \geq 0.\]

mob10b
Do you know how much you are paying as annual registration tax for your car?
- Yes: (1) CHF: ____________________ (amount in mob10b_tax, accepted range: \# \geq 0)
- No (0)

mob10d
At the time you bought your main car, did you know if in your canton the annual registration tax depended on the level of fuel efficiency and/or on CO2 emissions of the cars?
- Yes, it depended on the fuel efficiency or on CO2 emissions. (1)
- No, it did not depend on the fuel efficiency or on CO2 emissions. (0)
- I do not know (-1)

mob11a
What mode of transportation do you mainly use for going from home to work?
- Private car (1) Only displayed if car>0 in mob2.
- Car sharing (2)
- Motorbike (7) New item in SHEDS 2017
- Public transportation (3)
- Soft mobility (bike, foot, …) (4)
- Multimodal mobility (9) New item in SHEDS 2018
- Other (specify): (5) __________ (text in mob11a_other)
- I work from home (8) New item in SHEDS 2017
- I do not work (6)
**mob11b**

Only displayed if respondent ticked “Multimodal mobility” in mob11a.

Please rank all the different transportation modes you use for your work commute, from the most important to the least important.

<table>
<thead>
<tr>
<th>Items</th>
<th>Transportation modes used, in order of importance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private car [ _1 ] Only displayed if car&gt;0 in mob2</td>
<td>Rank of item: from 1 to 6</td>
</tr>
<tr>
<td>Car sharing [ _2 ]</td>
<td>Item not ranked: -1</td>
</tr>
<tr>
<td>Motorbike [ _7 ]</td>
<td></td>
</tr>
<tr>
<td>Public transportation [ _3 ]</td>
<td></td>
</tr>
<tr>
<td>Soft mobility (bike, foot, ...) [ _4 ]</td>
<td></td>
</tr>
<tr>
<td>Other (specify): [ _5 ]</td>
<td></td>
</tr>
<tr>
<td>(<strong>text in mob11b_5_other</strong>)</td>
<td></td>
</tr>
</tbody>
</table>
You said you mainly use a private car or motorbike for going from home to work. Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Extremely important 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I am used to taking this means of transport [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Annoyed by travelling with other passengers [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being physically restricted [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient location of public stop (e.g. far away from home/ workplace) [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenient parking possibilities at destination [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Car/motorbike is necessary for work [ _14 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Transport of material/luggage [ _15 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other [specify]: [ _16 ] _______________ (text in mob17_16_other)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
You said you mainly use public transportation for going from home to work. Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Extremely important 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I am used to taking this means of transport [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Delighted by travelling with other passengers (e.g. networking, meeting friends) [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being physically restricted [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenient location of public stop (e.g. close to home/workplace) [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenient connections by public transport (e.g. short and/or few transfers) [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Protecting the environment [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other [specify]: [ _14 ] ________________ (text in mob18_14_other)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
You said you mainly use soft mobility (e.g. bike, foot) for going from home to work. Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Extremely important</th>
<th>5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I am used to taking this means of transport [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Annoyed by travelling with other passengers [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being physically restricted [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient location of public stop (e.g. far away from home/workplace) [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Bike is necessary for work [ _14 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Protecting the environment [ _15 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Very short distance [ _16 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other [specify]: [ _17 ] ____________ (text in mob19_17_other)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

mob12a
What mode of transportation do you mainly use for leisure activities?
- ○ Private car (1) Only displayed if car>0 in mob2.
- ○ Car sharing (2)
- ○ Motorbike (7) New item in SHEDS 2017
- ○ Public transportation (3)
- ○ Soft mobility (bike, foot, ...) (4)
- ○ Multimodal mobility (9) New item in SHEDS 2018
- ○ Other (specify): (5) ____________ (text in mob12a_other)
**mob12b**

Only displayed if respondent ticked “Multimodal mobility” in **mob11a**.

Please rank all the different transportation modes you use for your leisure activities, from the most important to the least important.

**WARNING:** there were several issues with this question:

- The display logic was based on **mob11a** instead of **mob12a**.
- The French version read exactly as **mob11b**, i.e. was related to transport from home to work instead of transport for leisure activities.

<table>
<thead>
<tr>
<th>Items</th>
<th>Transportation modes used, in order of importance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private car [ _1 ] Only displayed if car&gt;0 in <strong>mob2</strong></td>
<td>Rank of item: from 1 to 6</td>
</tr>
<tr>
<td>Car sharing [ _2 ]</td>
<td>Item not ranked: -1</td>
</tr>
<tr>
<td>Motorbike [ _7 ]</td>
<td></td>
</tr>
<tr>
<td>Public transportation [ _3 ]</td>
<td></td>
</tr>
<tr>
<td>Soft mobility (bike, foot, ...) [ _4 ]</td>
<td></td>
</tr>
<tr>
<td>Other (specify): [ _5 ] __________ (text in <strong>mob12b_5_other</strong></td>
<td></td>
</tr>
</tbody>
</table>

**mob16**

Approximately how often do you rely on mobility sharing (through companies or through friends, family or others)?

<table>
<thead>
<tr>
<th>Items</th>
<th>Never (1)</th>
<th>Every few months (2)</th>
<th>Once a month (3)</th>
<th>Once a week (4)</th>
<th>Several times a week (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Bike [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>E-bike [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Cargo-bike [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**mob13**

Over the last 12 months, how many times did you travel by plane for personal reasons?

_A round trip = 1 and includes stopovers._

<table>
<thead>
<tr>
<th>Items</th>
<th>0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 or more (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short or middle distance [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Long distance [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**mob14**

Only displayed if the respondent indicated at least 1 travel in **mob13**.

Over the last 12 months, how much have you spent on air travel for personal reasons?

CHF: __________
SEQ (choice experiment 1)

Data relative to choice experiment SEQ are in secondary databases SHEDS2018_SEQ (all variables concerning the choice experiment, reshaped as a panel) and SHEDS2018_SEQintropost (questions asked before and after the choice experiment).

seq_intro
In this part of the survey, we focus on your transport choices for different trip types. We will collect information on your current transport choices and ask you to choose amongst hypothetical future options. The information that we collect will be used to inform Swiss energy and transport policy, and it is therefore important that your answers reflect your specific situation and your personal tastes. In particular, some of the following questions will involve costs to your own household; please give careful consideration to how these costs would affect your financial budget.

seq_intro_1
What is the approximate distance from your residence to the nearest:
   • Bus stop (m): __________ [ _1 ] accepted: #>0.
   • Train station (m): __________ [ _2 ] accepted: #>0.

seq_intro_2
Which, if any, of the following public transport passes do you have?
   - General abonnement 1st class (1)
   - General abonnement 2nd class (2)
   - Regional pass (3)
   - None of the above (4)

seq_intro_3
Only displayed if the respondent indicated “Regional pass” in seq_intro_2.
What is the yearly price of your regional pass?
   CHF: __________ accepted range: 50-4000.

seq_intro_travel
In the following questions, we inquire about the typical characteristics of your trips for each of the following reasons:
1. Commuting to work/university;
2. Leisure activities close to home (less than 10km from place of residence);
3. Weekend trip.

seq_intro_travel_1
1. Commuting to work/university
seq_intro_travel_1_2
How many other household members usually accompany you?
__________ accepted range: 0-10.

seq_intro_travel_1_3
What is the approximate distance from your residence to your place of work or study?
  km: __________ accepted range: 0-999.99.

seq_intro_travel_1_4
How long does it usually take you to reach your destination?
  min: __________ accepted range: 0-360.

seq_intro_travel_1_5
What transport mode do you usually take in winter?
  Own car (1)
  Public transport (2)
  Car sharing (3)
  Car with driver (eg. taxi, Uber, ...) (4)
  Bike or foot (5)
  Other (6)

seq_intro_travel_1_6
Not displayed if “Public transport” is selected in seq_intro_travel_1_5 and “None of the above” is not selected in seq_intro_2.
What is the approximate cost of your travel per trip?
(for example, petrol and parking costs, train/bus ticket for each trip)
  CHF: __________ accepted range: 0-50.

seq_intro_travel_2
2. Leisure activities close to home (less than 10km from place of residence)

seq_intro_travel_2_2
How many other household members usually accompany you?
__________ accepted range: 0-10.

seq_intro_travel_2_3
What is the approximate distance from your residence to your usual place of leisure activity?
  km: __________ accepted range: 0-999.99.
How long does it usually take you to reach your destination?
min: __________ accepted range: 0-360.

What transport mode do you usually take in winter?
- Own car (1)
- Public transport (2)
- Car sharing (3)
- Car with driver (eg. taxi, Uber, ...) (4)
- Bike or foot (5)
- Other (6)

Not displayed if "Public transport" is selected in seq_intro_travel_2_5 and if “None of the above” is not selected in seq_intro_2.
What is the approximate cost of your travel per trip? (for example, petrol and parking costs, train/bus ticket for each trip)
CHF: __________ accepted range: 0-50.

How many other household members usually accompany you?
__________ accepted range: 0-10.

What is the approximate distance from your residence to your usual weekend trip location?
km: __________ accepted range: 0-999.99.

How long does it usually take you to reach your destination?
min: __________ accepted range: 0-360.
**seq_intro_travel_3_5**

What transport mode do you usually take in winter?
- Own car (1)
- Public transport (2)
- Car sharing (3)
- Car with driver (e.g. taxi, Uber, ...) (4)
- Bike or foot (5)
- Other (6)

**seq_intro_travel_3_6**

Not displayed if "Public transport" is selected in seq_intro_travel_3_5 and if "General abonnement 1st/2nd class" is not selected in seq_intro_2.

What is the approximate cost of your travel per trip?
(for example, petrol and parking costs, train/bus ticket for each trip)
- CHF: __________ accepted range: 0-50.

**seq_intro_4**

The next time that you choose to buy a car or replace your car, would you consider purchasing an electric vehicle?
- Yes (1)
- No (0)

**seq_car_policy_1**

Only displayed to respondents with seq_treat = 1.

With the Paris Climate Agreement the international community of states aims to keep global warming below 2 degrees. Following that, the Swiss government has defined a target to reduce national emissions by 50% compared to 1990 levels. Since the transportation sector is responsible for a large share of total CO2 emissions in Switzerland, one central climate policy pillar addresses mobility and transportation.

Across the world one can observe similar efforts. The Chinese Government aims to achieve a quota of at least 8 percent of electric cars by 2019, rising up to 20% in 2025. To fulfill this target, they introduced a fixed sales quota for car suppliers, but also implemented various policies directly addressing consumers, such as the introduction of different number plates (with restricted quantities for non-electric cars). Other countries abolished highway fees for electric cars (Norway) or increased fuel levies (France). Oxford decided to ban all diesel and fuel-powered cars in the city center from 2020 onwards and similar policies are discussed in several German cities.

Assume now, that the Swiss government has announced, that it wants to achieve a new sales quota of 20% of electric cars by 2023.

The policy to achieve this target has not been defined yet and is matter of discussion in the parliament.
With the Paris Climate Agreement, the international community of states aims to keep global warming below 2 degrees. Following that, the Swiss government has defined a target to reduce national emissions by 50% compared to 1990 levels. Since the transportation sector is responsible for a large share of total CO2 emissions in Switzerland, one central climate policy pillar addresses mobility and transportation.

Across the world, one can observe similar efforts. The Chinese Government aims to achieve a quota of at least 8 percent of electric cars by 2019, rising up to 20% in 2025. To fulfill this target, they introduced a fixed sales quota for car suppliers, but also implemented various policies directly addressing consumers, such as the introduction of different number plates (with restricted quantities for non-electric cars). Other countries abolished highway fees for electric cars (Norway) or increased fuel levies (France). Oxford decided to ban all diesel and fuel-powered cars in the city center from 2020 onwards and similar policies are discussed in several German cities.

Assume now, that the Swiss government has announced, that it wants to achieve a new sales quota of 20% of electric cars by 2023.

From 2020 onwards several measures will be implemented step-wise, such as increasing fuel levies, vehicle import restrictions and a ban of non-electric vehicles in the city center.

For the next set of questions, please imagine that you decide to purchase a car or replace your car within the next year.

Which of the following options best describes your most preferred choice of primary car?

- None (0)
- Micro (1)
- Small (2)
- Small-medium (3)
- Mid-size (4)
- Large (5)
- SUV (6)
seq_car_2
Only displayed if “None” is not selected in seq_car_1. The values displayed in the table depend on the size of the car selected in seq_car_1.

Which of the following car options would you purchase?
Additional information is provided if you place the mouse over the column or row headers.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric (1)</td>
<td>21,000</td>
<td>31,000</td>
<td>24,000</td>
<td>32,000</td>
<td>20,000</td>
<td>13,000</td>
</tr>
<tr>
<td>Electric (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug-in hybrid (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug-in hybrid (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid (5)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICE (6)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driving cost (CHF/100km)</th>
<th>2.30</th>
<th>2.00</th>
<th>3.20</th>
<th>4.00</th>
<th>5.00</th>
<th>6.20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of battery (km)</td>
<td>90</td>
<td>160</td>
<td>40</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max speed (km/h)</td>
<td>130</td>
<td>140</td>
<td>150</td>
<td>180</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>CO₂ emissions (g/km)</td>
<td>0</td>
<td>0</td>
<td>18</td>
<td>25</td>
<td>65</td>
<td>95</td>
</tr>
</tbody>
</table>

Your choice: ☐ ☐ ☐ ☐ ☐ ☐ ☐

seq_car_3
Only displayed if “None" is not selected in seq_car_1.

Would you buy a second car?
☒ Yes (1)
☒ No (0)
**seq_car_4**
Only displayed if “Yes” is selected in seq_car_3.
For your second car, which size would you opt for?
- Micro (1)
- Small (2)
- Small-medium (3)
- Mid-size (4)
- Large (5)
- SUV (6)

**seq_car_5**
Only displayed if “Yes” is selected in seq_car_3. The values displayed in the table depend on the size of the car selected in seq_car_4.
Which of the following car options would you purchase?
Additional information is provided if you place the mouse over the column or row headers.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electric (1)</td>
<td>Electric (2)</td>
<td>Plug-in hybrid (3)</td>
<td>Plug-in hybrid (4)</td>
<td>Hybrid (5)</td>
<td>ICE (6)</td>
</tr>
<tr>
<td>Price (CHF)</td>
<td>21,000</td>
<td>31,000</td>
<td>24,000</td>
<td>32,000</td>
<td>20,000</td>
<td>13,000</td>
</tr>
<tr>
<td>Driving cost (CHF/100km)</td>
<td>2.30</td>
<td>2.00</td>
<td>3.20</td>
<td>4.00</td>
<td>5.00</td>
<td>6.20</td>
</tr>
<tr>
<td>Range of battery (km)</td>
<td>90</td>
<td>160</td>
<td>40</td>
<td>45</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Max speed (km/h)</td>
<td>130</td>
<td>140</td>
<td>150</td>
<td>180</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>CO₂ emissions (g/km)</td>
<td>0</td>
<td>0</td>
<td>18</td>
<td>25</td>
<td>65</td>
<td>95</td>
</tr>
</tbody>
</table>

Your choice: ☐ ☐ ☐ ☐ ☐ ☐ ☐
**seq_fu_1**
Only displayed if “Electric” is selected in **seq_car_2** or **seq_car_5**.
For what reasons did you choose a battery-electric vehicle?  
(max 3 choices)
- Comfort [ _1 ]
- Noise [ _2 ]
- Charging/fueling infrastructure [ _3 ]
- Battery/fuel range [ _4 ]
- Purchase price [ _5 ]
- Driving cost [ _6 ]
- CO2 emissions [ _7 ]
- Other [ _8 ] ________________ (text in seq_fu_1_8_other)

**seq_fu_2**
Only displayed if “Electric” is not selected in **seq_car_2** and **seq_car_5**.
For what reasons did you NOT choose a battery-electric vehicle?  
(max 3 choices)
- Comfort [ _1 ]
- Noise [ _2 ]
- Charging/fueling infrastructure [ _3 ]
- Battery/fuel range [ _4 ]
- Purchase price [ _5 ]
- Driving cost [ _6 ]
- CO2 emissions [ _7 ]
- Other [ _8 ] ________________ (text in seq_fu_2_8_other)

**seq_fu_policy**
Only displayed to respondents with **seq_treat = 1 or 2**.
Please state to what extent you agree or disagree with the following statements.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Completely disagree (1)</th>
<th>Somewhat disagree (2)</th>
<th>Neither agree nor disagree (3)</th>
<th>Somewhat agree (4)</th>
<th>Completely agree (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The information about future policy with respect to electric car quotas was important for my buying decision. [ _1 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>The introduction of an electric vehicle quota in Switzerland is very likely. [ _2 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
</tbody>
</table>
seq_pt_1
You have stated that you have the following public transport pass: GA 1\textsuperscript{st} class/GA 2\textsuperscript{nd} class/Regional pass/None (according to the answer stated in seq_intro_2).
Given your purchase of the chosen car above, which of the following passes would you choose to buy?
- GA 1\textsuperscript{st} class CHF 6,300 (1)
- GA 2\textsuperscript{nd} class CHF 3,860 (2)
- Regional Pass CHF 1,000 or price stated by the respondent in seq_intro_3 (3)
- None CHF 0 (4)

seq_ce_c/l/we_10/50/100_car/nocar_1/15
The choice task is composed of 9 choice tasks for each respondent. The attributes and their levels are tailored to choices made before by the respondent concerning cars and public transport passes. During the survey, the order of all questions was randomized. Answers to the choice tasks are provided in dataset SHEDS_SEQ.
Among the following options, which transport method would you choose to \textbf{commute to your workplace} (3 choice tasks) / \textbf{go to a leisure activity less than 10 km away} (3 choice tasks) / \textbf{travel on a weekend trip} (3 choice tasks)?

Additional information is provided if you place the mouse over the column or row headers.

<table>
<thead>
<tr>
<th></th>
<th>Public transport (1)</th>
<th>Car sharing (2)</th>
<th>Car with driver (3)</th>
<th>Your car (4)</th>
<th>Bike or foot (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trip cost (CHF)</td>
<td>6.8</td>
<td>15</td>
<td>3.75</td>
<td>0.43</td>
<td>0</td>
</tr>
<tr>
<td>Trip time (minutes)</td>
<td>10</td>
<td>10</td>
<td>29</td>
<td>7</td>
<td>20</td>
</tr>
</tbody>
</table>

Your choice: ☐ ☐ ☐ ☐ ☐ ☐

seq_fu_3
Only displayed if “Public transport” is never selected in seq_ce_c/l/we_10/50/100_car/nocar_1/15.
For what reasons did you never take public transport?
(max 3 choices)
☐ Comfort [ _1 ]
☐ Noise [ _2 ]
☐ Ticket/Pass prices [ _3 ]
☐ Because you bought your own car [ _4 ]
☐ Difficulty of access [ _5 ]
☐ Other [ _6 ] __________________ (text in seq_fu_3_6_other)
Imagine besides today’s transport modes combined services are available that include all current transport options (i.e. car-sharing, public transport, car-with-driver, etc.). The service offers the user door-to-door travel recommendations for your specific route through an app or website, including various combinations of the transport options. A single ticket can then be bought for a specific route, covering all transport modes along the way.

Only displayed to respondents with seq_treat = 3.
From a survey of users of specific mobility-sharing options, the following rating of satisfaction appeared:
(no yellow star is the lowest rating, 5 yellow stars is the highest rating)

<table>
<thead>
<tr>
<th>Service</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public transport</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Car sharing</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Car with driver</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>(eg. Taxi, Uber, etc.)</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Combined services</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
</tbody>
</table>

Only displayed to respondents with seq_treat = 4.
From a survey of users of specific mobility-sharing options, the following rating of satisfaction appeared:
(no yellow star is the lowest rating, 5 yellow stars is the highest rating)

<table>
<thead>
<tr>
<th>Service</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public transport</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Car sharing</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Car with driver</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>(eg. Taxi, Uber, etc.)</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
<tr>
<td>Combined services</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
</tbody>
</table>
seq_peer_3
If this combined mobility service were available in your area, would you be willing to use the service?

<table>
<thead>
<tr>
<th></th>
<th>Yes (1)</th>
<th>No (0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>For commuting [ _1 ]</td>
<td>☑️</td>
<td>☑️</td>
</tr>
<tr>
<td>For leisure activities [ _2 ]</td>
<td>☑️</td>
<td>☑️</td>
</tr>
<tr>
<td>For weekend trips [ _3 ]</td>
<td>☑️</td>
<td>☑️</td>
</tr>
</tbody>
</table>

seq_fu_comb_1a
Only displayed if seq_peer_3_1 = 0.
You have stated that you would not use combined mobility services for commuting. What characteristics would a combined service need to have to make you willing to pay for it and use it for commuting?
____________________ (text answer)

seq_fu_comb_1b
Only displayed if seq_peer_3_2 = 0.
You have stated that you would not use combined mobility services for leisure activities. What characteristics would a combined service need to have to make you willing to pay for it and use it for leisure activities?
____________________ (text answer)

seq_fu_comb_1c
Only displayed if seq_peer_3_3 = 0.
You have stated that you would not use combined mobility services for weekend trips. What characteristics would a combined service need to have to make you willing to pay for it and use it for weekend trips?
____________________ (text answer)
Imagine that combined mobility services are available right now. *Indicate the importance to you of all the attributes below.*

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Not at all important (1)</th>
<th>Slightly important (2)</th>
<th>Moderately important (3)</th>
<th>Very important (4)</th>
<th>Extremely important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Availability of all possible mobility options (carsharing, bikesharing, e-bike, public transport, ridesharing, taxi, walking) [ _1 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Cheap price [ _2 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Intuitive and easy to use [ _3 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Offering the route with the lowest CO2 emissions for a given time [ _4 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Find the fastest possible way [ _5 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Waiting time for the service after reservation to be less than 30 minutes [ _6 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
</tbody>
</table>
SUS (choice experiment 2)
Data relative to choice experiment SUS are in secondary database SHEDS2018_SUS.

sus_intro
In the following questions we will ask you about different leisure trips, you might take, and will offer you a number of different transportation options to take these trips. If you would like to have additional information about how the prices of the transport options are calculated then please move your mouse over the pictures (not available on mobile phones).

sus_intro_l
Please imagine that you are invited to visit friends or families for a day. Your friends or family live in a village close to a city that is located 100 km away from your home. Note: pay attention to the distance carefully.

sus_c_l
Please imagine that you are invited to visit friends or families for a day. Your friends or family live in a village close to a city that is located 100 km away from your home. You are checking the internet and see the following travelling options:

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th></th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Train + Bus [ _2 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
<tr>
<td>Train + Car Sharing [ _3 ]</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
<td>o</td>
</tr>
</tbody>
</table>

sus_fu_l_1
Imagine you would actually do this trip tomorrow. Which of these transport modes would you most likely take?

- Car (1)
- Train + bus (2)
- Train + car sharing (3)
**sus_fu_l_2**
Displayed only if “Car” is selected in **sus_fu_l_1**.
Under what conditions would you choose not to take the car but an alternative form of transport and which one?
____________________ (text answer)

**sus_fu_l_3**
Displayed only if “Car” is selected in **sus_fu_l_1**.
Please rate how important are the following aspects for choosing the car for this leisure trip of 100 km:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I am used to taking this mode of transport [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Prefer travelling alone [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being / my travel companion is disabled [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient location of public transport stop (e.g. far away) [ _10 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _11 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient parking possibilities at destination [ _12 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _13 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Taking with me other people or goods [ _14 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the easiest way [ _15 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [ _16 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other [specify]: [ _17 ] (text in <strong>sus_fu_l_3_17_other</strong> )</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
Please rate how important are the following aspects for choosing Public Transport (Train + Bus) for this leisure trip of 100 km:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I am used to taking this mode of transport [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Enjoy travelling with other passengers (e.g. networking, meeting friends) [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being / my travel companion is disabled [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient location of public transport stop (e.g. very close) [ _10 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient connections by public transport (e.g. short and/or few transfers) [ _11 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _12 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Protecting the environment [ _13 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Taking with me easily other people or goods [ _14 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel pass (e.g. GA, Half-fare) [ _15 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the easiest way [ _16 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [ _17 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other [specify]: [ _18 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Other [specify]: [ _18 ] ____________ (text in sus_fu_l_4_18_other)
**sus_fu_l_5**
Displayed only if “Train + car sharing” is selected in **sus_fu_l_1**.
Please rate how important are the following aspects for choosing Train + Car Sharing for this leisure trip of 100 km:

<table>
<thead>
<tr>
<th>Choice</th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [<strong>1</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I am used to taking this means of transport [<strong>2</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as safely as possible [<strong>3</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as fast as possible [<strong>4</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel time [<strong>5</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Enjoy travelling with other passengers (e.g. networking, meeting friends) [<strong>6</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being / my travel companion is disabled [<strong>7</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the only viable travel option [<strong>8</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I enjoy this way of travelling [<strong>9</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Not fully convenient location of public transport stop [<strong>10</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Not fully convenient connections by public transport [<strong>11</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenient parking possibilities at railway station / destination [<strong>12</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Protecting the environment [<strong>13</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Taking with me easily other people or goods [<strong>14</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel pass (e.g. GA, Half-fare) or car sharing membership (e.g. Mobility, Sharoo) [<strong>15</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the easiest way [<strong>16</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [<strong>17</strong>]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other [specify]: [<strong>18</strong>] [text in sus_fu_l_5_18_other]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**sus_fu_l_6a**
Displayed only if “Important” or “Very important” is selected in **sus_fu_l_3_15**.
In the question before you said you have chosen the car because it was the easiest way. What do you mean by this?

_________________________ (text answer)
**sus_fu_l_6b**
Displayed only if “Important” or “Very important” is selected in **sus_fu_l_4_16**.
In the question before you said you have public transport (train + bus) because it was the easiest way. What do you mean by this?
__________________________ (text answer)

**sus_fu_l_6c**
Displayed only if “Important” or “Very important” is selected in **sus_fu_l_5_16**.
In the question before you said you have chosen train + car sharing because it was the easiest way. What do you mean by this?
__________________________ (text answer)

**sus_fu_l_7**
When you answered these questions, who were you thinking of as your travel partner(s)?
- No one, I thought I travel alone (1)
- My partner (2)
- My family (3)
- My friend(s) (4)
- Other (please name) (5) ____________ (text in **sus_fu_l_7_other**)

**sus_fu_l_8**
When you answered these questions, what have you been thinking of taking with you?
- Nothing (1)
- Only a small handbag or backpack (2)
- A suitcase or big travel bag (3)
- Other (please name) (4) ____________ (text in **sus_fu_l_8_other**)

**sus_intro_s**
Please imagine that you are invited to visit friends or families for a day. Your friends live 5 km away from your home.
Note: pay attention to the distance carefully.
**sus_c_s**

Please imagine that you are invited to visit friends or families for a day. Your friends live 5 km away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th></th>
<th>Car</th>
<th>Public transport</th>
<th>Bike</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cost: 1.75 CHF</td>
<td>Cost: 4.60 CHF</td>
<td>Cost: 0.75 CHF</td>
</tr>
<tr>
<td></td>
<td>Travelling time: 14 min</td>
<td>Travelling time: 25 min</td>
<td>Travelling time: 19 min</td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th></th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Public transport [ _2 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Bike [ _3 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

**sus_fu_s_1**

Imagine you would actually do this trip tomorrow. Which of these transport modes would you most likely take?

- ● Car (1)
- ● Public transport (2)
- ● Bike (3)

**sus_fu_s_2**

Displayed only if “Car” is selected in **sus_fu_s_1**.

Under what conditions would you choose not to take the car but an alternative form of transport and which one?

____________________ (text answer)
**sus_fu_s_3**
Displayed only if “Bike” is selected in **sus_fu_s_1**.
Please rate how important are the following aspects for choosing the bike for this leisure trip of 5 km:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Protecting the environment [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I am used to taking this mode of transport [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient location of public transport stop (e.g. far away) [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Prefer travelling alone [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being physically active [ _8 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the only viable travel option [ _9 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _10 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _11 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _12 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _13 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the easiest way [ _14 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [ _15 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other [specify]: [ <em>16 ] [</em>________] (text in sus_fu_s_3_16_other)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
**sus_fu_s_4**
Displayed only if “Car” is selected in **sus_fu_s_1**.

Please rate how important are the following aspects for choosing the car for this leisure trip of 5 km:

<table>
<thead>
<tr>
<th></th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I am used to taking this mode of transport [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Prefer travelling alone [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being / my travel companion is disabled [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient location of public transport stop (e.g. far away) [ _10 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _11 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient parking possibilities at destination [ _12 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _13 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Taking with me other people or goods [ _14 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the easiest way [ _15 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [ _16 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other [specify]: [ _17 ]......................................... (text in <strong>sus_fu_s_4_17_other</strong>)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
**sus_fu_s_5**

Displayed only if “Public transport” is selected in **sus_fu_s_1**.

Please rate how important are the following aspects for choosing public transport for this leisure trip of 5 km:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important at all (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I am used to taking this mode of transport [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Enjoy travelling with other passengers (e.g. networking, meeting friends) [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Being / my travel companion is disabled [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient location of public transport stop (e.g. very close) [ _10 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Convenient connections by public transport (e.g. short and/or few transfers) [ _11 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _12 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Protecting the environment [ _13 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Taking with me other people or goods [ _14 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Making use of travel pass (e.g. GA, Half-fare) [ _15 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is the easiest way [ _16 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The most of my friends / family members / colleagues prefer this option [ _17 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other [specify]: [ _18 ] _________ (text in sus_fu_s_5_18_other)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

**sus_fu_s_6a**

Displayed only if “Important” or “Very important” is selected in **sus_fu_s_5_16**.

In the question before you said you have chosen public transport because it was the easiest way. What do you mean by this?

________________________ (text answer)
sus_fu_s_6b
Displayed only if “Important” or “Very important” is selected in sus_fu_s_4_15.
In the question before you said you have chosen the car because it was the easiest way. What do you mean by this?
____________________ (text answer)

sus_fu_s_6c
Displayed only if “Important” or “Very important” is selected in sus_fu_l_3_14.
In the question before you said you have chosen the bike because it was the easiest way. What do you mean by this?
____________________ (text answer)

sus_fu_s_7
When you answered these questions, who were you thinking of as your travel partner-s?
☑ No one, I thought I travel alone (1)
☑ My partner (2)
☑ My family (3)
☑ My friend-s (4)
☑ Other (please specify) (5) ____________ (text in sus_fu_s_7_other)

sus_fu_s_8
When you answered these questions, what have you been thinking of taking with you?
☑ Nothing (1)
☑ Only a small handbag or backpack (2)
☑ A suitcase or big travel bag (3)
☑ Other (please specify) (4) ____________ (text in sus_fu_s_8_other)
Please imagine that you are invited to visit friends or families for a day. Your friends or family live in a village close to a city that is located **100 km** away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Cost</th>
<th>Traveling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Car</strong></td>
<td>35.00 CHF</td>
<td>70 min</td>
</tr>
<tr>
<td><strong>Train + Bus</strong></td>
<td>24.30 CHF</td>
<td>90 min</td>
</tr>
<tr>
<td><strong>Train + Car Sharing</strong></td>
<td>31.80 CHF</td>
<td>80 min</td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Bus [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please imagine that you are invited to visit friends or families for a day. Your friends live **5 km** away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Cost</th>
<th>Traveling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Car</strong></td>
<td>1.75 CHF</td>
<td>14 min</td>
</tr>
<tr>
<td><strong>Public transport</strong></td>
<td>4.60 CHF</td>
<td>25 min</td>
</tr>
<tr>
<td><strong>Bike</strong></td>
<td>0.75 CHF</td>
<td>19 min</td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public transport [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
sus_rp_l
Please imagine that you are invited to visit friends or families for a day. Your friends live in a village close to a city that is located 100 km away from your home. You are checking the internet and see the following travelling options:

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th></th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Bus [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

sus_rp_s
Please imagine that you are invited to visit friends or families for a day. Your friends or family live 5 km away from your home. You are checking the internet and see the following travelling options:

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th></th>
<th>Extremely unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
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<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public transport [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Please imagine that you are invited to visit friends or families for a day. Your friends or family live in a village close to a city that is located **100 km** away from your home. You are checking the internet and see the following travelling options:

**Note:** Travelling time (blue bar left in the graph) refers to the time spent on travel, Usable time (green bar right in the graph) refers to the time which can be spent on reading, sleeping, working and so on.

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th></th>
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<th>Somewhat likely (4)</th>
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</tr>
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<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Bus [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please imagine that you are invited to visit friends or families for a day. Your friends or family live **5 km** away from your home. You are checking the internet and see the following travelling options:

**Note:** Travelling time refers to the time spent on travel, Usable time refers to the time which can be spent on reading, sleeping, working and so on.

How likely are you to choose any of the following modes of transport?

<table>
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<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
sus_h_ex_l
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<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Extremely unlikely (1)</th>
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<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Extremely likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Bus [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing [ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The World Health Organization (WHO) recommends to do at least 150 minutes of moderate-intensity aerobic physical activity throughout the week. The green hearts represent approximately the share of recommended physical activity per week.

How likely are you to choose any of the following modes of transport?

sus_h_ex_s
Please imagine that you are invited to visit friends or families for a day. Your friends or family live 5 km away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th>Mode of Transport</th>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike [ _3 ]</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The World Health Organization (WHO) recommends to do at least 150 minutes of moderate-intensity aerobic physical activity throughout the week. The green hearts represent approximately the share of recommended physical activity per week.

How likely are you to choose any of the following modes of transport?
**sus_co2_l**

Please imagine that you are invited to visit friends or families for a day. Your friends or family live in a village close to a city that is located 100 km away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Cost</th>
<th>Travel Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car</td>
<td>37.50 CHF</td>
<td>70 min</td>
</tr>
<tr>
<td>+ 2.50 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Bus</td>
<td>24.30 CHF</td>
<td>90 min</td>
</tr>
<tr>
<td>+ 0 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing</td>
<td>31.80 CHF</td>
<td>80 min</td>
</tr>
<tr>
<td>+ 0 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Extremely unlikely (1)</th>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train + Car Sharing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**sus_co2_s**

Please imagine that you are invited to visit friends or families for a day. Your friends or family live 5 km away from your home. You are checking the internet and see the following travelling options:

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Cost</th>
<th>Travel Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car</td>
<td>1.90 CHF</td>
<td>14 min</td>
</tr>
<tr>
<td>+ 0.15 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public transport</td>
<td>4.80 CHF</td>
<td>25 min</td>
</tr>
<tr>
<td>+ 0 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>0.75 CHF</td>
<td>19 min</td>
</tr>
<tr>
<td>+ 0 CHF CO₂ tax</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following modes of transport?

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Extremely unlikely (1)</th>
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</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AUT (choice experiment 3)
Data relative to choice experiment AUT are in secondary database SHEDS2018_AUT.

aut_s_inf
In the following questions we will present you future transport options that could come along with autonomous, completely self-driving vehicles. We are interested, how you would travel and plan your mobility, if autonomous vehicles were reality.

aut_s_sce
Imagine a world in 2030, when vehicles (either public transport or cars) are able to move autonomously without driver. Please study the following scenarios carefully, all of which show future transport options that might be possible with autonomous vehicles.

Imagine, a friend invites you to his / her place, which is 50 km away from your home. You then think about which of the following modes of transport you’ll choose:

- Option 1: Take your autonomous personal vehicle for the whole trip.
- Option 2: Order an autonomous taxi with your smartphone app and use it for the whole trip.
- Option 3: Take an autonomous transport shuttle to the next railway station and go by train.

In the following questions, we will present you with different characteristics of each option. Please study the characteristics carefully and then make a choice.
Every respondent is displayed 5 out of 16 possible choice tasks. The levels of the attributes vary across questions. During the survey, the order of all questions was randomized.

<table>
<thead>
<tr>
<th></th>
<th>Option 1: Trip with autonomous private car</th>
<th>Option 2: Trip with autonomous shared taxi</th>
<th>Option 3: Trip with autonomous public transport shuttle/rail</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Price</strong></td>
<td>0.50 CHF/km --&gt; 25.00 CHF</td>
<td>0.35 CHF/km --&gt; 17.50 CHF</td>
<td>0.40 CHF/km --&gt; 20.00 CHF</td>
</tr>
<tr>
<td><strong>Walking distance</strong></td>
<td>0 km</td>
<td>0 km</td>
<td>0.4 km</td>
</tr>
<tr>
<td><strong>Sharing vehicle with others</strong></td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Number of persons in vehicle</strong></td>
<td>1</td>
<td>3</td>
<td>Shuttle: 4 \nTrain: Many</td>
</tr>
<tr>
<td><strong>Level of reliability</strong></td>
<td>MEDIUM (traffic jams)</td>
<td>MEDIUM (traffic jams)</td>
<td>MEDIUM (delays)</td>
</tr>
<tr>
<td><strong>Waiting time</strong></td>
<td>0 min</td>
<td>15 min</td>
<td>15 min</td>
</tr>
<tr>
<td><strong>Overall travel time</strong></td>
<td>65 min</td>
<td>65 min</td>
<td>65 min</td>
</tr>
</tbody>
</table>

How likely are you to choose any of the following options?

<table>
<thead>
<tr>
<th>Option</th>
<th>Very unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Very likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 1: Autonomous private car [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Option 2: Autonomous shared taxi [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Option 3: Public transport shuttle/rail [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
Imagine, that you move to another region because of an attractive job offer with a slightly higher salary. Now, you need to think about more generally about how you want to travel in the future (i.e. to get to the job, to leisure activities, ...) So far, you do not have your own car, nor a subscription to public transport. Therefore you are completely free to choose. You are considering to buy or use one of the following three offers:

- **Offer 1: Purchase an autonomous private car**
- **Offer 2: Subscribe to a sharing platform of autonomous cars / taxis**
- **Offer 3: General public transport pass (autonomous shuttles, rail, tram, buses), including autonomous door-to-door services**

In the following questions, we will present you with different characteristics of each offer. Please study the characteristics carefully and then make a choice.
Every respondent is displayed 5 out of 14 possible choice tasks. The levels of the attributes vary across questions. During the survey, the order of all questions was randomized.

<table>
<thead>
<tr>
<th>Offer 1: Purchase of an autonomous private car</th>
<th>Offer 2: Subscription to autonomous sharing / taxi platform</th>
<th>Offer 3: General public transport pass, including autonomous door-to-door services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45 000 CHF in total (if used 10 years: 4 500 CHF)</td>
<td>550 CHF every year</td>
<td>5 000 CHF every year</td>
</tr>
<tr>
<td>Variable km-price</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.25 CHF/km</td>
<td>0.35 CHF/km</td>
<td>0.00 CHF/km</td>
</tr>
<tr>
<td>Sharing vehicles with others</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Walking distances</td>
<td></td>
<td></td>
</tr>
<tr>
<td>no distances (car searches parking space autonomously)</td>
<td>no distances</td>
<td>between transport systems</td>
</tr>
<tr>
<td>Maximum waiting time till service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 min</td>
<td>15 min (fixed in contract)</td>
<td>15 min (fixed in contract)</td>
</tr>
</tbody>
</table>

How likely are you to choose any of the offers?

<table>
<thead>
<tr>
<th>Offer 1: Purchase of an autonomous private car</th>
<th>Very unlikely (1)</th>
<th>Somewhat unlikely (2)</th>
<th>Neither likely nor unlikely (3)</th>
<th>Somewhat likely (4)</th>
<th>Very likely (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offer 2: Subscription to autonomous sharing / taxi platform</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Offer 3: General public transport pass</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Displayed only if “Somewhat likely” or “Very likely” is selected at least once for Option 1 in aut_l_contr/cst1-4/cmf1-2/tm1-3/in1-4.

In the questions above, you have at least once chosen the option ‘autonomous private car’ despite measures to foster public transport / sharing. What condition(s) would need to be fulfilled to convince you to choose public transport / sharing options?

_________________________ (text answer)
**aut_r2**

**Autonomous vehicles** could significantly change the way we travel. Please think about the following concerns and expectations in relation to autonomous travel. Will these factors improve or get worse for you personally?

<table>
<thead>
<tr>
<th></th>
<th>much worse (1)</th>
<th>worse (2)</th>
<th>about the same (3)</th>
<th>better (4)</th>
<th>much better (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Productive use of travel time</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Access to driving without a</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>license [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access to public transport</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>[ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Possibility to combine different transport modes</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>[ _4 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control over trip [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Safety [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other: [ _7 ] (text in aut_r2_7_other)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**aut_r3**

How important are these factors for you personally?

<table>
<thead>
<tr>
<th></th>
<th>very unimportant (1)</th>
<th>slightly unimportant (2)</th>
<th>neither important nor unimportant (3)</th>
<th>neither important nor unimportant (4)</th>
<th>very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Productive use of travel time</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Access to driving without a</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>license [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access to public transport</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>[ _3 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Possibility to combine different transport modes</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>[ _4 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control over trip [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Safety [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other: [ _7 ] (text in aut_r3_7_other)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
**aut_r4**

*Sharing options* in respect to autonomous vehicles could significantly change the way we travel. Please think about the following concerns and expectations in relation to sharing. Will these factors improve or get worse for you personally?

<table>
<thead>
<tr>
<th></th>
<th>much worse (1)</th>
<th>worse (2)</th>
<th>about the same (3)</th>
<th>better (4)</th>
<th>much better (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexibility</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Mobility costs</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenience</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Reliability</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Security</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other: [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**aut_r5**

How important are these factors for you personally?

<table>
<thead>
<tr>
<th></th>
<th>very unimportant (1)</th>
<th>slightly unimportant (2)</th>
<th>neither important nor unimportant (3)</th>
<th>neither important nor unimportant (4)</th>
<th>very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexibility</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Mobility costs</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenience</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Reliability</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
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</tr>
<tr>
<td>Security</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other: [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
NET (choice experiment 4)
Data relative to choice experiment NET are in secondary database SHEDS2018_NET.

net_0
Suppose that you are deciding between a combustion engine version of a car versus an electric one. Assume that both cars, except for the engine technology, are identical (e.g. style, size, color, comfort, acceleration, safety, etc.).
Assume that you have a charging station at home (i.e., the parking spot where you usually park your car) that only you can use whenever you want. It takes 3 hours to do a complete charge. The range of the electric car is 200 kilometers on a single charge.
There are also public charging stations for electric cars. We describe their numbers in the scenarios below. Please consider that it takes 30 minutes to do a complete charge at those stations, and you have a high probability (3 chances out of 4) to find the station available when you need it.
We will present you different scenarios regarding the purchase prices of the gasoline and electric cars, the price of energy, and additional monthly fees for charging the electric car. For each scenario, please decide whether you would buy the electric version of the car. Select yes, for each scenario when you will prefer the electric car over the combustion engine car.
When making your choice, please, make the following assumptions in all scenarios:
- The combustion engine car consumes 5 liters of gasoline per 100 km.
- The electric engine car consumes 15 kWh of electricity per 100 km.
- There is no registration tax.
- Make abstraction of maintenance and reparation costs for both types of vehicles.
- Consider that this is the primary vehicle that you will use and that you will use the new vehicle for all the kilometers you typically drive per year.
- Assume that you will own the car for ten years and the car will remain your primary vehicle during this period.
## Information for car choice

### Which car is less expensive?

<table>
<thead>
<tr>
<th></th>
<th>Car A</th>
<th>Car B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>35'000</td>
<td>30'000</td>
</tr>
<tr>
<td>Cost of electricity</td>
<td>0,20 CHF/kWh</td>
<td>0,20 CHF/kWh</td>
</tr>
<tr>
<td>Electricity consumption</td>
<td>15 kWh/100 km</td>
<td>20 kWh/100 km</td>
</tr>
</tbody>
</table>

Two steps are necessary to evaluate this:
1) Calculating the total cost of every car
2) Comparing the total costs of both cars
Information for car choice

How to calculate the total cost of a car?

\[
\text{Price of the car} + \text{Lifetime energy cost} = \text{Total cost}
\]

\[
35'000 \text{ CHF} + 6'000 \text{ CHF} = 41'000 \text{ CHF}
\]

\[
\text{Lifetime energy cost} = \text{Electricity/Fuel consumption} \times \text{Energy price} \times \text{Distance driven per year} \times \text{Expected lifetime}
\]

\[
(0,15 \text{ kWh/km}) \times (0,20 \text{ CHF/KwH}) \times (20'000 \text{ km}) \times (10 \text{ years})
\]

Once you calculate the total cost, you can compare different cars....
A similar calculation can be done with a combustion engine car.

Every respondent is displayed 5 out of 15 possible choice tasks. The levels of the attributes vary across questions. During the survey, the order of all questions was randomized.

Would you purchase the electric car for each of these scenarios?
Remember the combustion engine car consumes 5 liters per 100 km, and the electric car engine consumes 15 kWh per 100 km.

<table>
<thead>
<tr>
<th></th>
<th>Price of the combustion engine car (CHF)</th>
<th>Gasoline price (CHF/Liter)</th>
<th>Purchase price of the electric car (CHF)</th>
<th>Monthly fee paid to utility company (CHF/Month)</th>
<th>Price of electricity paid to utility company (CHF/KWh)</th>
<th>Number of public charging stations</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>_1</td>
<td>35'000</td>
<td>1,78</td>
<td>38'000</td>
<td>0</td>
<td>0,476</td>
<td>1 every 3 km</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>_2</td>
<td>35'000</td>
<td>1,78</td>
<td>38'000</td>
<td>100</td>
<td>0,16</td>
<td>1 every 1 km</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>_3</td>
<td>35'000</td>
<td>1,78</td>
<td>38'000</td>
<td>150</td>
<td>0</td>
<td>1 every 1 km</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
We now have three more questions that require to compare the total costs. Please, pay close attention to the instructions and the information provided for each of those questions.

Suppose you have to purchase a new car. You drive 25,000 km per year. You expect to keep your new car for 10 years. At the dealership, you found two models that are nearly identical except that one has a combustion engine and the other is electric. The following table summarizes the information you need to calculate the total expenditures of each car over a 10 years ownership period.

<table>
<thead>
<tr>
<th></th>
<th>Combustion Engine Car</th>
<th>Electric Car</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average km driven per year</td>
<td>25,000 km</td>
<td>25,000 km</td>
</tr>
<tr>
<td>Purchase Price</td>
<td>30,000 CHF</td>
<td>35,000 CHF</td>
</tr>
<tr>
<td>Gasoline Consumption</td>
<td>5 liters/100 km</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Gasoline Price</td>
<td>1.50 CHF/liter</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Electricity Consumption</td>
<td>Not Applicable</td>
<td>20 kWh/ 100 km</td>
</tr>
<tr>
<td>Electricity Price</td>
<td>Not Applicable</td>
<td>0.10 CHF/kWh</td>
</tr>
<tr>
<td>Monthly Fee</td>
<td>Not Applicable</td>
<td>10 CHF per month</td>
</tr>
</tbody>
</table>

Which of the two cars minimizes your total expenditures over the next 10 years?
- The combustion car (1)
- The electric car (2)
Suppose you have to purchase a new car. You drive 25,000 km per year. You expect to keep your new car for 10 years. At the dealership, you found two models that are nearly identical except that one has a combustion engine and the other is electric.

The following table summarizes the information you need to calculate the total expenditures of each car over a 10 years ownership period.

<table>
<thead>
<tr>
<th></th>
<th>Combustion Engine Car</th>
<th>Electric Car</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average km driven per year</td>
<td>25,000 km</td>
<td>25,000 km</td>
</tr>
<tr>
<td>Purchase Price</td>
<td>30,000 CHF</td>
<td>35,000 CHF</td>
</tr>
<tr>
<td>Gasoline Consumption</td>
<td>5 liters/100 km</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Gasoline Price</td>
<td>1.50 CHF/liter</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Electricity Consumption</td>
<td>Not Applicable</td>
<td>20 kWh/ 100 km</td>
</tr>
<tr>
<td>Electricity Price</td>
<td>Not Applicable</td>
<td>0</td>
</tr>
<tr>
<td>Monthly Fee</td>
<td>Not Applicable</td>
<td>50 CHF per month</td>
</tr>
</tbody>
</table>

Which of the two cars minimizes your total expenditures over the next 10 years?
- The combustion car (1)
- The electric car (2)
Suppose you have to purchase a new car. You drive 25,000 km per year. You expect to keep your new car for 10 years. At the dealership, you found two models that are nearly identical except that one has a combustion engine and the other is electric. The following table summarizes the information you need to calculate the total expenditures of each car over a 10 years ownership period.

<table>
<thead>
<tr>
<th></th>
<th>Combustion Engine Car</th>
<th>Electric Car</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average km driven per year</td>
<td>25,000 km</td>
<td>25,000 km</td>
</tr>
<tr>
<td>Purchase Price</td>
<td>30,000 CHF</td>
<td>35,000 CHF</td>
</tr>
<tr>
<td>Gasoline Consumption</td>
<td>5 liters/100 km</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Gasoline Price</td>
<td>1.50 CHF/liter</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Electricity Consumption</td>
<td>Not Applicable</td>
<td>20 kWh/100 km</td>
</tr>
<tr>
<td>Electricity Price</td>
<td>Not Applicable</td>
<td>0.20 CHF/kWh</td>
</tr>
</tbody>
</table>

Which of the two cars minimizes your total expenditures over the next 10 years?
- The combustion car (1)
- The electric car (2)

When answering the questions, were you able to trade off attributes of the combustion and electric engine cars? If yes, which attribute did you consider when you made the trade-offs?

Across the different scenarios, what was the average purchase price of the electric car?

65
Across the different scenarios, what was the average purchase price of the combustion engine car?

____________________ (text answer)
PRO (choice experiment 5)

Data relative to choice experiment PRO are in secondary database SHEDS2018_PRO.

pro_scaleintro
In this section, we will ask you some general questions regarding your way of approaching life.

pro_scale1
Compared to most people, are you typically unable to get what you want out of life?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often (5)

pro_scale2
Growing up, would you ever "cross the line" by doing things that your parents would not tolerate?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often (5)

pro_scale3
How often have you accomplished things that got you "psyched" to work even harder?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often (5)

pro_scale4
Did you get on your parents’ nerves often when you were growing up?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often (5)
**pro_scale5**
How often did you obey rules and regulations that were established by your parents?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often 5 (5)

**pro_scale6**
Growing up, did you ever act in ways that your parents thought were objectionable?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often 5 (5)

**pro_scale7**
Do you often do well at different things that you try?
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often 5 (5)

**pro_scale8**
Not being careful enough has gotten me into trouble at times.
- Never 1 (1)
- 2 (2)
- Sometimes 3 (3)
- 4 (4)
- Very often 5 (5)

**pro_scale9**
When it comes to achieving things that are important to me, I find that I don't perform as well as I ideally would like to do.
- Never true 1 (1)
- 2 (2)
- Sometimes true 3 (3)
- 4 (4)
- Very often true 5 (5)
**pro_scale10**
I feel like I have made progress toward being successful in my life.
- Certainly false 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- Certainly true (5)

**pro_scale11**
I have found very few hobbies or activities in my life that capture my interest or motivate me to put effort into them.
- Certainly false 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- Certainly true (5)

**pro_fprint Intro**
In the next section, we will measure your mobility footprint. Calculating Ecological Footprint is a simple estimation of the CO2 emissions that a person produces in one year. The focus here will be on your mobility impact, relating to all the forms of transport you use.
We know these questions bare a strong similarity to questions you have already answered, but we need some more details in order to calculate your mobility footprint.

**pro_fprint1**
Have you already measured your footprint before?
- Never (1)
- Once (2)
- A couple of times (3)
- Several times (4)

**pro_fprint2**
How many kilometers do you travel in total by car, either as a driver or as a passenger, during your working week, i.e. Monday-Friday?

<table>
<thead>
<tr>
<th></th>
<th>0-25 (1)</th>
<th>26-50 (2)</th>
<th>51-75 (3)</th>
<th>76-100 (4)</th>
<th>101-125 (5)</th>
<th>126-150 (6)</th>
<th>151-175 (7)</th>
<th>176-200 (8)</th>
<th>≥ 201 (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car [ _1 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Electric and hybrid car [ _2 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
### pro_fprint3
How many kilometers do you travel in total by car, either as a driver or as a passenger, during your weekend?

<table>
<thead>
<tr>
<th></th>
<th>0-25 (1)</th>
<th>26-50 (2)</th>
<th>51-75 (3)</th>
<th>76-100 (4)</th>
<th>101-125 (5)</th>
<th>126-150 (6)</th>
<th>151-175 (7)</th>
<th>176-200 (8)</th>
<th>≥ 201 (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric and hybrid car</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### pro_fprint4
How many kilometers do you travel in total using other means of transportation during your working week, i.e. Monday-Friday?

<table>
<thead>
<tr>
<th></th>
<th>0-25 (1)</th>
<th>26-50 (2)</th>
<th>51-75 (3)</th>
<th>76-100 (4)</th>
<th>101-125 (5)</th>
<th>126-150 (6)</th>
<th>151-175 (7)</th>
<th>176-200 (8)</th>
<th>≥ 201 (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike or walk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scooter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### pro_fprint5
How many kilometers do you travel in total using other means of transportation during your weekend?

<table>
<thead>
<tr>
<th></th>
<th>0-25 (1)</th>
<th>26-50 (2)</th>
<th>51-75 (3)</th>
<th>76-100 (4)</th>
<th>101-125 (5)</th>
<th>126-150 (6)</th>
<th>151-175 (7)</th>
<th>176-200 (8)</th>
<th>≥ 201 (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike or walk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scooter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Train</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
How many hours did you fly by airplane last year?
- 0-2 (1)
- 3-5 (2)
- 6-8 (3)
- 9-11 (4)
- 12-14 (5)
- 15-18 (6)
- 19-21 (7)
- ≥ 22 (8)

Let us calculate... (The value is saved in pro_mfpscoretot)

Only displayed to respondents with pro_manipulation = 0.
The global target in terms of CO2 emission is 2 tons per person annually. Right now, the Swiss average is 5.3 tons of CO2 per person.
Your annual mobility footprint is pro_mfpscoretot tons of CO2.

Only displayed to respondents with pro_manipulation = 1.
A sustainable lifestyle in terms of CO2 emission is 2 tons per person annually. Right now, the Swiss average is 5.3 tons of CO2 per person.
Your annual mobility footprint is pro_mfpscoretot tons of CO2.

Even if you think it’s just a drop in the ocean, you personally can greatly contribute to the future our planet.
Any time things start to look bleak, even when we are in a real pickle, humans always find a way to come up with the correct solution. Despite all the significant changes our environment is undergoing, in such a short amount of time, we cannot help but be incredibly hopeful because we always manage to delve deep into ourselves and overcome even massive difficulties. In specific moments in history mankind has put all feudal differences aside and united to solve a common trouble. And this time is no different. 99.9% of species that have ever existed have gone extinct, yet we, time and time again, have managed to plow on, outliving and outsmarting all our rivals, surpassing all our obstacles. Human beings are like that: adaptability and problem solving are our main assets. This time the common trouble might be on a bigger scale but there is no reason to think this time is any different from all the times rival apes, famine and plagues threatened our very existence. We will dig deep and our story on this beautiful planet we call home will continue. **We can only succeed if everybody realizes they have to pull their weight and it is beyond doubt that everybody will, because we have come this far and we still have many pages to write in the history books.**

All over the world many empowered communities have been tackling difficult environmental problems, and many are succeeding admirably in their endeavors through will-power and sheer effort.

A wasteland in South America has now become a luscious forest through direct human intervention.
pro_loss_score
Only displayed to respondents with pro_manipulation = 2.
To avoid ecological disasters, the global target in terms of CO2 emission is 2 tons per person annually. Right now, the Swiss average is 5.3 tons of CO2 per person. Your annual mobility footprint is pro_mfpcoretot tons of CO2.

pro_loss_m1
Only displayed to respondents with pro_manipulation = 2.
Even if you think it’s just a drop in the ocean, you personally can greatly contribute to the future our planet.

pro_loss_m2
Only displayed to respondents with pro_manipulation = 2.
With all the significant changes our environment is undergoing, in such a short amount of time, we cannot help but be incredibly dubious about whether we will manage to effectively carry out all actions that are required to overcome such massive difficulties. In specific moments in history mankind has put all feudal differences aside and united to solve a common trouble. 99.9% of species that have ever existed have gone extinct, yet we, time and time again, have managed to plow on, outliving and outsmarting all our rivals, surpassing all our obstacles. Human beings are like that: adaptability and problem solving are our main assets. Yet this time the common trouble appears to be on a bigger scale, one that maybe trumps all our previous obstacles that threatened our very existence. We will dig deep if our story on this beautiful planet we call home is to continue. We can only succeed if everybody realizes they have to pull their weight. On this note, one cannot help but feel skeptical about whether we as a species will be capable of overcoming the risks we are facing, and whether each and every one of us will fully acknowledge that we only have a very small margin for error left, if we are to continue writing pages in the books of history.
pro_loss_m3
Only displayed to respondents with pro_manipulation = 2.
All over the world many communities have been tackling difficult environmental problems, and it is scientifically proven that by burying our heads in the sand these problems we face will only get bigger.

Previously a luscious forest in South America has now become a wasteland, and is only one of an abundance of examples of the environment changing for the worst.

pro_dv_tax
Throughout Switzerland there is a serious need to make concrete changes to the layout of cities, in order to favor “green infrastructure” through intelligent urban development. There is a lot that can still be done, and that must be done, in order to get cars off the road and develop a fast and ecological transport system that reaches everywhere, from the main cities to the smaller towns. This clearly requires funding. While we are not currently interested in receiving funding, we are however very interested in understanding/establishing what contribution people feel is justified and fair. For example, a tax per dwelling could be considered, where the monetary contribution would be a percentage of a person’s accommodation value. If such a policy were implemented, we would very much like to know from you what percentage of the value of your rent value or of your rent, depending on your situation, to be devoted to concrete and observable urban plans that will benefit everyone, would you deem fair and justified?

- 0% (1)
- 0.2% (2)
- 0.4% (3)
- 0.6% (4)
- 0.8% (5)
**pro_empower**

With regards to helping the environment I feel...

<table>
<thead>
<tr>
<th></th>
<th>Not at all 0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 (5)</th>
<th>Very much (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>in control [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>empowered [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**pro_1effort**

How strongly do you believe the following actions could make a difference to helping the environment?

<table>
<thead>
<tr>
<th></th>
<th>Not at all 0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 (5)</th>
<th>Very much (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculating your ecological footprint [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Paying the tax [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**pro_2effort**

How strongly do you believe the following actions are valuable with regards to helping the environment?

<table>
<thead>
<tr>
<th></th>
<th>Not at all 0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 (5)</th>
<th>Very much (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculating your ecological footprint [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Paying the tax [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**pro_checks_intro**

We need you to remember the message you received a few moments ago along with your mobility footprint score.
**pro_checks_gain**
How much do you agree that the feedback you received is oriented toward achieving something positive?
- Not at all (0)
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- Very much (6)

**pro_checks_loss**
How much do you agree that the feedback you received is oriented toward preventing something negative?
- Not at all (0)
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- Very much (6)

**pro_checks_hope**
How much do you agree that the feedback triggers a sense of hope?
- Not at all (0)
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- Very much (6)

**pro_checks_fear**
How much do you agree that the feedback triggers a sense of fear?
- Not at all (0)
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- Very much (6)
Electricity (elec1 to elec13)

elec1
Which devices do you have in your accommodation for your private use?
Disregard public facilities of your building.
For each device 0 = no, 1 = yes.

❑ Fridge [ _1 ]
❑ Freezer (separated from fridge) [ _2 ]
❑ Microwave oven [ _3 ]
❑ Oven [ _28 ]
❑ Dishwasher [ _4 ]
❑ Coffee machine [ _5 ]
❑ Juice maker [ _6 ]
❑ Food processor [ _7 ]
❑ Steam cooker [ _8 ]
❑ Washing machine [ _9 ]
❑ Dryer [ _10 ]
❑ Robot vacuum cleaner [ _11 ]
❑ TV [ _12 ]
❑ TV box [ _13 ]
❑ Home theater system [ _14 ]
❑ Internet router [ _15 ]
❑ Desktop computer [ _16 ]
❑ Laptop [ _17 ]
❑ Tablet [ _18 ]
❑ Smartphone [ _19 ]
❑ Infra-red electric heater [ _20 ]
❑ Air conditioner [ _21 ]
❑ Humidifier [ _22 ]
❑ Sauna [ _23 ]
❑ Solarium [ _24 ]
❑ Jacuzzi [ _25 ]
❑ Swimming pool [ _26 ]
❑ Aquarium/Terrarium [ _27 ]
**elec2**

How many of the following devices do you own?

Only the relevant choices (i.e., those ticked in elec1) are displayed to the respondent.

Device numbers in line with elec1.

<table>
<thead>
<tr>
<th>Device Description</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 or more (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fridge(s) [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freezer(s) (separated from fridge) [ _2 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TV(s) [ _12 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desktop computer(s) [ _16 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laptop(s) [ _17 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tablet(s) [ _18 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**elec3**

What is the energy label of your devices?

If you own several devices in the same category, consider the one you use the most.

Only the relevant choices (i.e., those ticked in elec1) are displayed to the respondent.

Device numbers in line with elec1.

<table>
<thead>
<tr>
<th>Device Description</th>
<th>A+++ (1)</th>
<th>A++ (2)</th>
<th>A+ (3)</th>
<th>A (4)</th>
<th>B (5)</th>
<th>C or worse (6)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fridge [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Freezer (separated from fridge) [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Oven [ _28 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Dishwasher [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Washing machine [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Dryer [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>TV [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**elec4**

How many times per week do you use...

Only the relevant choices (i.e., those ticked in elec1) are displayed to the respondent.

Device numbers in line with elec1.

- the oven: [ _28 ] ____________
- the dishwasher: [ _4 ] ____________
- the washing machine: [ _9 ] ____________
- the dryer: [ _10 ] ____________
**elec5**

On average, how many hours per day are the following devices running in your residence? 
*If you have several devices in the same category, add up usage times of all devices.*
Only the relevant choices (i.e., those ticked in elec1) are displayed to the respondent.

Device numbers in line with elec1.

- **TV(s):** [ _12 ] __________
- **Computer(s)/laptop(s):** [ _16 _17 ] __________
- **Tablet(s):** [ _18 ] __________

**elec6**

Only displayed to respondents with **old = 0/1/3**.
What type of bulbs do you usually use in your residence?

<table>
<thead>
<tr>
<th>Bulb Type</th>
<th>None (1)</th>
<th>Some (2)</th>
<th>Only (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Energy-saving [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>LED [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**elec14a**

New in SHEDS 2018
Is your accommodation equipped with a smart meter that records electricity consumption?
- Yes (1)
- No (0)
- I do not know (-1)

Jump to **elec15** if answer is not "Yes".

**elec14b**

New in SHEDS 2018
Please state the year when the smart meter was installed.
- Year: __________ (yyyy) accepted range: 2000-2018
- I do not know (-1)

**elec14c**

New in SHEDS 2018
Approximately how often do you check the smart meter?
- Every day or almost (1)
- 2-3 times a week (2)
- Once a week (3)
- 2-3 times a month (4)
- Once a month (5)
- Once every 2-3 months (6)
- Less frequently (7)
elec14d

New in SHEDS 2018

Please indicate if any changes occurred in your behavior after the smart meter was installed.

❑ No change [ _1 ] (this answer is exclusive)
❑ Changes in the way electrical appliances are used [ _2 ]
❑ Changes in the type of electrical appliances purchased [ _3 ]
❑ Changes made to the lighting in the house [ _4 ]
❑ Other: [ _5 ] ___________ (text in elec14d_5_other)

elec15

New in SHEDS 2018

Does the price of your electricity vary according to the period of the day/night?

❑ Yes (1)
❑ No (0)
❑ I do not know (-1)

intro_bill

The next questions are related to your electricity consumption and expenses. It is extremely important for us to have accurate numbers in this area. Therefore, if possible, could you please find your last annual electricity bill before moving forward?

Thank you very much.

elec7

How much do you pay for electricity (including VAT) during a one year period?

Please use your last annual bill to answer this question.

Amount (CHF): [ _1 ] __________ accepted range: 0-9999.99 (at most four digits + two decimals)

Source: [ _2 ]

❑ Bill (1)
❑ Estimation (2)
❑ does not know (-1)

elec7_warning

Displayed as soon as the respondent clicks on estimation in elec7.

Please note: It would really help if you could provide the exact amount stated on your last electricity bill.
elec8
How much electricity do you use during a one year period?
*Please use your last annual bill to answer this question.*

Amount (kWh): [ _1 ] __________ accepted range: 0-99999.99 (at most five digits + two decimals)

Source: [ _2 ]
- Bill (1)
- Estimation (2)
- does not know (-1)

**elec8_warning**
Displayed as soon as the respondent clicks on estimation in elec8.

*Please note:* It would really help if you could provide the exact amount stated on your last electricity bill.

elec9
Only displayed if the respondent indicated having used his bill in elec7.
How much do you pay for 1 kilowatt hour (kWh) of electricity?
*Please indicate the average price stated on your bill.*

Price of 1 kWh: (1) __________ accepted range: 0-99.99 (at most two digits + two decimals)

elec10a
Does your electricity mix contain a significant share (over 50%) of renewable energy?
- Yes (1)
- No (0)
- I do not know (-1)

elec10b
Only displayed if the respondent ticked “Yes” in elec10a.
Does your electricity mix contain...
*Multiple answers possible.*
- Hydropower [ _1 ]
- New renewables (solar, wind, biomass, ...) [ _2 ]
- Other (please specify): [ _3 ] __________ (text in elec10b_3_other)
- I do not know [ _4 ] (this answer is exclusive)

elec10c
Did you change the standard electricity mix offered by your provider?
- Yes, for one more expensive (1)
- Yes, for one less expensive (2)
- No (0)
- I do not know (-1)
**elec13**

Do you switch off (no standby position) the following electronic devices when you do not use them?

Only the relevant choices (i.e., those ticked in elec1) are displayed to the respondent.

Device numbers in line with elec1.

<table>
<thead>
<tr>
<th>Device</th>
<th>Often (1)</th>
<th>Occasionally (2)</th>
<th>Almost never (3)</th>
<th>Never (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV [ _12 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TV box [ _13 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coffee machine [ _5 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer [ _16_17 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internet router [ _15 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smartphone [ _19 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Accommodation (accom_change to accom18)

accom_change
Only displayed to "old" respondents (old = 1/2/3).
Within the last 12 (for old=2/3) / 24 (for old=1) months, has your living situation changed, i.e., have you moved or bought the accommodation you live in?
- Yes (1)
- No (0)
If "No", jump to accom11.

accom1
Regarding your accommodation, you are...
- Owner (1)
- Tenant (2)
- Living in a cooperative (3)

accom1a
New in SHEDS 2018
Only displayed to "Tenants" in accom1.
Your landlord is:
- a private person (1)
- a private company (insurance, pension fund, real estate firm, construction firm, Swisscom, SBB/CFF, ...) (2)
- a public institution (city, canton, ...) (3)
- Other/I don't know (-1)

accom2a
What type is your accommodation?
- Flat in a building with less than 5 flats (2)
- Flat in a building with 5 to 10 flats (3)
- Flat in a building with more than 10 flats (4)
- Detached house (5) New item in SHEDS 2017
- Semi-detached house (6) New item in SHEDS 2017
- Terraced house (7) New item in SHEDS 2017

accom5
What is the size of the living area in your accommodation?
\[ \text{m}^2: \, \underline{__________} \, \text{accepted range: 0-999 (at most 3 digits, no decimals)}. \]
**accom2b**  
Only displayed if the respondent indicated living in a flat in **accom2a**.  
How many floors are there in your building? (Only integers, no decimals)  
__________ accepted range: 1-40 (no decimals).

**accom2c**  
Only displayed if the respondent indicated living in a house in **accom2a**.  
How many floors are there in your house? (Only integers, no decimals)  
__________ accepted range: 1-9 (no decimals).

**accom6**  
Your accommodation contains...  

<table>
<thead>
<tr>
<th></th>
<th>0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 or more (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rooms (including kitchen)</td>
<td>[ _1 ]</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Bathrooms, toilets [ _2 ]</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Other spaces (e.g., cellar, garage, winter garden) [ _3 ]</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

**accom7**  
Does your accommodation conform with the Minergie standard or better standards?  
❑ Yes (1)  
❑ No (0)  
❑ I do not know (-1)

**accom8**  
Which of the following devices is your accommodation equipped with?  
For each device 0 = no, 1 = yes:  
❑ Photovoltaic solar panels (to produce electricity) [ _1 ]  
❑ Solar thermal panels (to produce hot water) [ _2 ]  
❑ Heat pump [ _3 ]  
❑ None [ _4 ] (this answer is exclusive)  
❑ I do not know [ _5 ] (this answer is exclusive)

**accom2d**  
Change in SHEDS 2018: this question is not only asked to people who live in houses.  
What is the type of roof on your home or the house you live in?  
❑ Flat roof (1)  
❑ Gabled roof (2)  
❑ I don't know/I don't remember (-1) (new item in SHEDS 2018)
accom2e
New in SHEDS 2018.
What is type of façade on your home or the house you live in?
☐ Compact (1)
☐ Ventilated (2)
☐ I don't know/I don't remember (-1)

accom3
Since when do you live in your current accommodation?
☐ yyyy (year if ≥ 1950) Change in SHEDS 2018: lower bound decreased from 1970 to 1950
☐ Before 1950 (1949)
☐ I do not know (-1)

accom4a1
Can you please tell us the year of construction of your building?
(This value cannot be larger than the indicated year of entry in the accommodation.)
☐ Year of construction: ____________ (yyyy)
☐ I do not know (-1)

accom4a2
Only displayed if the respondent ticked "I do not know" in accom4a1.
You said, you were not sure in which year your accommodation was constructed. Can you tell us an approximate time period?
☐ 2010 or later (1)
☐ 2005-2009 (2)
☐ 2000-2004 (3)
☐ 1995-1999 (4)
☐ 1990-1994 (5)
☐ 1985-1989 (6)
☐ 1980-1984 (7)
☐ 1975-1979 (8)
☐ 1970-1974 (9)
☐ 1965-1969 (10)
☐ 1960-1964 (11)
☐ Before 1960 (12)
☐ I do not know (-1)
<table>
<thead>
<tr>
<th>Element</th>
<th>Year (yyyy)</th>
<th>There was no renovation since construction (-4)</th>
<th>A renovation took place but I do not know when (-3)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows [ _1 ]</td>
<td>dropdown list: 2018, 2017, … 1901, 1900 (= 1900 or before)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Heating system [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Façade [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Roof [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**accom9a2**

Only displayed if the respondent ticked at least one element in the column "A renovation took place but I do not know when" in **accom9a1**.

You said, you were not sure in which year exactly the following renovations have taken place. Can you tell us an approximate time period?

*Note that we have restricted the possible answers. Only years following the year of construction of your home are displayed. As a reminder, you said that your home was built in: yyyy (from **accom4a1** or **accom4a2**). If this is not correct, please go back to that question and enter the right year or period.*

Only elements for which the respondent indicated “A renovation took place but I do not know when” in **accom9a1** are displayed.

|---------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|
accom9c1_1
Only displayed if the respondent indicated a year of renovation for Windows in accom9a1 or a range of years for Windows in accom9a2.
You said, that the windows in your building have been renovated. Can you tell us how old the replaced/renovated windows were at the time of renovation?
Please choose “The last renovation was the only one”, when there was only a single renovation done for the element.
Note that answer possibilities have again been restricted based on the construction year of the building and the reported year of renovation.
- Age in years of renovated windows: 1 (= 1 or less), 2, ..., 99, 100 (= 100 or older)
- The last renovation was the only one (-3)
- I do not know (-1)

accom9c1_2
Only displayed if the respondent indicated a year of renovation for Heating system in accom9a1 or a range of years for Heating system in accom9a2.
You said, that the heating system in your building have been renovated. Can you tell us how old the replaced/renovated heating system was at the time of renovation?
Please choose “The last renovation was the only one”, when there was only a single renovation done for the element.
Note that answer possibilities have again been restricted based on the construction year of the building and the reported year of renovation.
- Age in years of renovated heating system: 1 (= 1 or less), 2, ..., 99, 100 (= 100 or older)
- The last renovation was the only one (-3)
- I do not know (-1)

accom9e2_1
New in SHEDS 2018.
Only displayed if the respondent indicated a year of renovation for Heating system in accom9a1 or a range of years for Heating system in accom9a2.
Can you tell us, which parts of the heating system were changed?
- Boiler/Furnace (1)
- Tubing and/or radiators (2)
- Both (3)
- Something else/I don't know/I don't remember (-1)
accom9e2_2
New in SHEDS 2018.
Only displayed if the respondent selected “Boiler/Furnace” or “Both” in accom9e2_1.
You said that the boiler or furnace has been changed. Can you please tell us, what energy source the replaced system relied on for ...

<table>
<thead>
<tr>
<th></th>
<th>Oil (1)</th>
<th>Gas (2)</th>
<th>Electricity (3)</th>
<th>Wood (4)</th>
<th>Heat pump (5)</th>
<th>Solar (6)</th>
<th>District heating (7)</th>
<th>Other (8)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>heating [<strong>1</strong>]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>warm water [<strong>2</strong>]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
</tbody>
</table>

accom9c1_3
Only displayed if the respondent indicated a year of renovation for Façade in accom9a1 or a range of years for Façade in accom9a2.
You said, that the façade in your building has been renovated. Can you tell us how old the replaced/renovated façade was at the time of renovation?
Please choose "The last renovation was the only one", when there was only a single renovation done for the element.
Note that answer possibilities have again been restricted based on the construction year of the building and the reported year of renovation.

○ Age in years of renovated façade: 1 (= 1 or less), 2, ..., 99, 100 (= 100 or older)
○ The last renovation was the only one (-3)
○ I do not know (-1)

accom9e3_1
New in SHEDS 2018.
Only displayed if the respondent indicated a year of renovation for Façade in accom9a1 or a range of years for Façade in accom9a2.
Can you tell us, of which type the replaced or renovated façade was?
○ Compact (1)
○ Ventilated (2)
○ I don't know/I don't remember (-1)

accom9e3_2
New in SHEDS 2018.
Only displayed if the respondent indicated a year of renovation for Façade in accom9a1 or a range of years for Façade in accom9a2.
More concretely, was the façade repainted, repaired or replaced?
Please choose the most relevant answer.
○ Repainted (1)
○ Repaired (2)
○ Replaced (3)
○ I don't know/ I don't remember (-1)
**accom9c1_4**
Only displayed if the respondent indicated a year of renovation for Roof in *accom9a1* or a range of years for Roof in *accom9a2*.
You said, that the roof on your building has been renovated. Can you tell us how old the replaced/renovated roof was at the time of renovation?
*Please choose "The last renovation was the only one", when there was only a single renovation done for the element.*
*Note that answer possibilities have again been restricted based on the construction year of the building and the reported year of renovation.*
- Age in years of renovated roof: 1 (= 1 or less), 2, ..., 99, 100 (= 100 or older)
- The last renovation was the only one (-3)
- I do not know (-1)

**accom9e4_1**
New in SHEDS 2018.
Only displayed if the respondent indicated a year of renovation for Façade in *accom9a1* or a range of years for Façade in *accom9a2*.
You said, that the roof had been renovated in your home. Can you please tell us, the type of the replaced or renovated roof.
- Flat roof (1)
- Gabled roof (2)
- I don't know/I don't remember (-1)

**accom9d**
Only displayed if the respondent indicated a year of renovation for at least one element in *accom9a1* or a range of years for at least one element in *accom9a2*.
You have reported that the following element(s) were renovated. Can you please tell us the main reason for their last renovation or overhaul?
*Multiple answers possible.*
*Only elements for which the respondent did not select "There was no renovation since construction" in *accom9a1* are displayed.*

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows [ _1 ]</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Heating system [ _2 ]</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Façade [ _3 ]</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Roof [ _4 ]</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
</tbody>
</table>

Variable names: stub (*accom9d*) + row number (_1 to _4) + column number (_1 to _10).
## accom11
How close is your home to the following places?

<table>
<thead>
<tr>
<th></th>
<th>&lt; 0.5 km (1)</th>
<th>0.5 - 1 km (2)</th>
<th>1 - 2 km (3)</th>
<th>&gt; 2 km (4)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grocery store [ _1 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Public transport stop [ _2 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Post office [ _3 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Daycare [ _4 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Kindergarten [ _5 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>School [ _6 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Playground [ _7 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Sports field [ _8 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
</tbody>
</table>

## accom12
How do you usually go to the following places?

<table>
<thead>
<tr>
<th></th>
<th>Car (1) (only displayed if car&gt;0 in mob2)</th>
<th>Public transportation (2)</th>
<th>Motorbike (3) (only displayed if motorbike&gt;0 in mob2)</th>
<th>E-bike (6) (new item in SHEDS 2018)</th>
<th>Bike/foot (4)</th>
<th>I never go to such a place (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grocery store [ _1 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Public transport stop [ _2 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Post office [ _3 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Daycare [ _4 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Kindergarten [ _5 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>School [ _6 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Playground [ _7 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Sports field [ _8 ]</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
</tbody>
</table>
You said you mainly use a private car or motorbike for going to the grocery store. Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>aspect</th>
<th>Not important</th>
<th>Extremely important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I am used to taking this means of transport</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as safely as possible</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Travelling as fast as possible</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Making use of travel time</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Annoyed by travelling with other passengers</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being physically restricted</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>It is the only viable travel option</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I enjoy this way of travelling</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient location of public stop (e.g. far away from home/grocery store)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being independent from public transportation timetable</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Convenient parking possibilities at destination</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Transport of purchases</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other [specify]:</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
**accom17**

Only displayed if respondent ticked “Public transportation” in **accom12_1**.

You said you mainly use public transportation for **going to the grocery store**.

Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>Important Aspect</th>
<th>Not important 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Extremely important 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>I am used to taking this means of transport [ _2 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Delighted by travelling with other passengers (e.g. networking, meeting friends) [ _6 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Being physically restricted [ _7 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Convenient location of public stop (e.g. close to home/grocery store) [ _10 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Convenient connections by public transport (e.g. short and/or few transfers) [ _11 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _12 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Transport of purchases [ _13 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Protecting the environment [ _14 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Making use of travel pass (e.g. GA, Half-fare) [ _15 ]</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Other [specify]: [ _16 ] ___________ (text in <strong>accom17_16_other</strong> )</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>
accom18
Only displayed if respondent ticked “Bike/foot” in accom12_1.
You said you mainly use soft mobility (e.g. bike, foot) for going to the grocery store.
Please rate how important the following aspects are for choosing this mode of transportation.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not important</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Extremely important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choosing the cheapest option [ _1 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I am used to taking this means of transport [ _2 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travelling as safely as possible [ _3 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travelling as fast as possible [ _4 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Making use of travel time [ _5 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annoyed by travelling with other passengers [ _6 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Being physically restricted [ _7 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>It is the only viable travel option [ _8 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I enjoy this way of travelling [ _9 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inconvenient location of public stop (e.g. far away from home/grocery store) [ _10 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inconvenient connections by public transport (e.g. long and/or multiple transfers) [ _11 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Being independent from public transportation timetable [ _12 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inconvenient parking possibilities at destination [ _13 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protecting the environment [ _14 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very short distance [ _15 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other [specify]: [ _16 ]</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

accom13
Do you have a second house or flat (owned or rented)?

<table>
<thead>
<tr>
<th>For work [ _1 ]</th>
<th>Yes (1)</th>
<th>No (0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>For holidays [ _2 ]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
accom15
Only displayed if the respondent ticked “Yes” in accom13_2.
On average, for how many weeks per year do you use your second (holiday) residence?
   Weeks per year: __________ accepted range: 0-52 (max 1 decimal)
Heating (heat_change to heat10)

heat_change
Only displayed to “old” respondents (old = 1/2/3) with accom_change = 1.
Within the last 12 (for old=2/3) / 24 (for old=1) months, has anything related to the heating system changed in the accommodation you live in?
 ○ Yes (1)
 ○ No (0)
If “Yes”, jump to heat4.
NOTE: The condition was incorrectly coded. It should have been: if “No”, jump to heat4.

heat1
What energy source do you primarily rely on for ...?

<table>
<thead>
<tr>
<th></th>
<th>Oil (1)</th>
<th>Gas (2)</th>
<th>Electricity (3)</th>
<th>Wood (4)</th>
<th>Heat pump (5)</th>
<th>Solar (6)</th>
<th>District heating (7)</th>
<th>Other (8)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>heating [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>warm water [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

heat2a
In addition to the main system, do you have a secondary system in your residence?
Examples:
- For heating: an electric storage heater or a small gas boiler in the kitchen or bathroom.
- For warm water: an electric or gas boiler in the kitchen or bathroom.

<table>
<thead>
<tr>
<th></th>
<th>Do you have a secondary system for ...? [ 1 ]</th>
<th>If yes, what energy source does it use? [ 2 ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>heating [ _1 ]</td>
<td>Yes (1) No (0) I do not know (-1)</td>
<td>Oil (1) Gas (2) Electricity (3) Wood (4) Heat pump (5) Solar (6) District heating (7) Other (8) I do not know (-1)</td>
</tr>
<tr>
<td>warm water [ _2 ]</td>
<td>○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○</td>
<td></td>
</tr>
</tbody>
</table>

Variable names: stub (heat2a) + column number (1 or 2) + row number (_1 or _2).

heat4
Is your bill for heating and warm water based on your actual consumption or on the size of your residence?
 ○ Based on actual consumption (1)
 ○ Based on size of residence (2)
 ○ A combination of size and actual consumption (3)
 ○ Other (specify): (4) _______________ (text in heat4_other)
 ○ I do not know (-1)
**heat5a**

How much do you pay for heating and warm water during a one year period?

*It is extremely important for us to have accurate numbers in this area. Therefore, if possible, please use your last annual heating and warm water bill(s) to answer this question.*

<table>
<thead>
<tr>
<th>Amount [1]</th>
<th>Source of the amount provided [2]</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CHF)</td>
<td>Bill (1)</td>
</tr>
<tr>
<td></td>
<td>Estimation (2)</td>
</tr>
<tr>
<td>Heating + warm water <em>(if not separated on your bill)</em> [_1]</td>
<td>○</td>
</tr>
<tr>
<td>Heating <em>(if separated)</em> [_2]</td>
<td>○</td>
</tr>
<tr>
<td>Warm water <em>(if separated)</em> [_3]</td>
<td>○</td>
</tr>
</tbody>
</table>

Variable names: stub (heat5a) + column number (1 or 2) + row number (\_1, \_2 or \_3).

**heat5b**

Only displayed if the respondent indicated being an owner in accom1, living in a detached, semi-detached, or terraced house in accom2a and primarily relying on oil for heating and/or warm water in heat1.

How much heating oil did you consume over the last 12 months?

*Please give an estimate if possible using your bills.*

__________ liters accepted answer: > 0.

**heat5c**

Only displayed if the respondent indicated being an owner in accom1, living in a detached, semi-detached, or terraced house in accom2a and primarily relying on gas for heating and/or warm water in heat1.

How much natural gas did you consume over the last 12 months?

*Please give an estimate if possible using your bills.*

__________ m\(^3\) accepted answer: > 0.

**heat6**

Only displayed to respondents with old = 0/1/3.

Do you...

<table>
<thead>
<tr>
<th>Yes (1)</th>
<th>No (0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>…heat all rooms at the same temperature? [_1]</td>
<td>○</td>
</tr>
<tr>
<td>…set heating at a different temperature during day and night? [_2]</td>
<td>○</td>
</tr>
<tr>
<td>…turn down heating when you are away for some days (vacations, ...)? [_3]</td>
<td>○</td>
</tr>
</tbody>
</table>
heat7
Only displayed to respondents with old = 0/1/3.
At what average temperature (°C) do you heat your living room during the day?
°C: __________  Answer given using a slider ranging from 18 or less to 23 or more.

heat8
Only displayed to respondents with old = 0/1/3.
On average, how many showers and baths are taken per week in your household?
Please add up usages for all persons in the household.
  Showers: __________  [ __1 ] accepted range: 0-99.

heat10
Only displayed to respondents with old = 0/1/3.
When in need for fresh air in winter, what do you usually do?
☐ I open a hopper window for a few minutes. (1)
☐ I open a window for a few minutes. (2)
☐ I open several windows for a few minutes. (3)
☐ I always leave a hopper window open. (4)
☐ Other (specify): __________  (text in heat10_other)
Psychological attitudes (psy1 to psy8)

**psy1**
Only displayed to “fresh” respondents (old = 0).
In the following, we refer to environmentally friendly acts when a behavior has as little negative impact as possible on the environment or when it even has a positive impact on the environment.
We ask you to report your feelings when you or other persons act in an environmentally friendly (+) or unfriendly (-) manner. Please rate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th></th>
<th>Totally disagree 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Totally agree 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I feel PROUD when I act in an environmentally friendly manner. [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel HAPPY when I conserve or avoid wasting natural resources. [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel GUILTY when I harm the environment. [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel APPRECIATION towards others when they act in an environmentally friendly manner. [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel WARM towards others when they conserve or avoid wasting natural resources. [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel CONTENT when I act in an environmentally friendly manner. [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel INDIGNANT when others act in an environmentally unfriendly manner. [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel REGRET when I waste natural resources. [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel ANGRY when others act in an environmentally unfriendly manner. [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel ASHAMED when I act in an environmentally unfriendly manner. [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel DISGUSTED when others waste natural resources. [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel POSITIVE towards others when they act environmentally friendly. [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
psy2

Only displayed to “fresh” respondents (old = 0).

In the following, we ask you to report your feelings when you are pushed or forced to act environmentally friendly or unfriendly.

Examples:
- A friend wants you to take the bike instead of your car for commuting.
- You want to recycle a plastic bottle but no appropriate garbage bin is available.

Please rate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th></th>
<th>Totally disagree 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Totally agree 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I feel FRUSTRATED when I would like to act environmentally friendly, but external circumstances prevent me from doing so. [ _1 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel ANGRY when efforts to protect the environment constrict my freedom. [ _2 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel ANNOYED when others try to convince me to act in a more environmentally friendly manner. [ _3 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel DISSATISFIED when I intend to conserve natural resources, but external circumstances prevent me from doing so. [ _4 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel HOSTILE when I am forced to act in a more environmentally friendly manner. [ _5 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I feel ANGRY when external circumstances force me to act in an environmentally unfriendly manner. [ _6 ]</td>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
Only displayed to “fresh” respondents (\textit{old} = 0).

In the following, we ask you to report your feelings to the environment and potential environmental change.

Please rate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Totally disagree 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Totally agree 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I feel GRATEFUL for our planet and its nature. [_1]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I feel WORRIED about the future of our nature. [_2]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>I feel AWE for our planet and its nature. [_3]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>I feel ANXIOUS when I think about the future of our planet. [_4]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>I feel SAD about how mankind treats nature. [_5]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>I often feel OVERWHELMED by the beauty of nature. [_6]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
</tbody>
</table>
In the following you will find 16 values. Behind each value there is a short explanation concerning the meaning of the value. Please rate how important each value is for you as a guiding principle in your life.

Your scores can vary from 1 to 5. The higher the number, the more important the value is as a guiding principle in your life. Try to distinguish as much as possible between the values by using all the scores.

<table>
<thead>
<tr>
<th>Value</th>
<th>Not important 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Extremely important 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQUALITY: equal opportunity for all [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>RESPECTING THE EARTH: harmony with other species [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>SOCIAL POWER: control over others, dominance [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>PLEASURE: joy, gratification of desires [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>UNITY WITH NATURE: fitting into nature [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>A WORLD AT PEACE: free of war and conflict [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>WEALTH: material possessions, money [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>AUTHORITY: the right to lead or command [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>SOCIAL JUSTICE: correcting injustice, care for the weak [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>ENJOYING LIFE: enjoying food, sex, leisure, etc. [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>PROTECTING THE ENVIRONMENT: preserving nature [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>INFLUENTIAL: having an impact on people and events [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>HELPFUL: working for the welfare of others [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>PREVENTING POLLUTION: protecting natural resources [ _14 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>SELF-INDULGENT: doing pleasant things [ _15 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>AMBITIOUS: hard-working, aspiring [ _16 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
**psy5a**

Please rate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th></th>
<th>Totally disagree 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Totally agree 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The members in my household expect that I behave in an environmentally friendly manner. [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I believe that most of my acquaintances behave in an environmentally friendly manner whenever it is possible. [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Most of my acquaintances expect that I behave in an environmentally friendly manner. [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I feel personally obliged to behave in an environmentally friendly manner as much as possible. [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>In the Swiss society, it is usually expected that one behaves in an environmentally friendly manner. [ _5 ] (new item in SHEDS 2018)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
psy6

Only displayed to “fresh” respondents (old = 0).

Please rate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Totally disagree 1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Totally agree 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I know how to behave environmentally friendly. [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>It is easy to conserve and to avoid wasting natural resources. [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can participate in behaviors to protect the environment if I really want to. [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I will take steps to adopt environmentally friendly behaviors even if it causes daily inconveniences. [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Acting environmentally friendly is effective to protect our planet and its nature. [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Acting environmentally friendly will help to prevent the consequences of global warming for our planet and its inhabitants. [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Acting environmentally friendly will contribute to save our natural resources. [ _7 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

psy7

Only displayed to “fresh” respondents (old = 0).

Financially, do you usually take risks?

☐ Not at all 1 (1)
☐ 2 (2)
☐ 3 (3)
☐ 4 (4)
☐ Very much 5 (5)
### psy8

In the next 12 months, are you planning on reducing your...

<table>
<thead>
<tr>
<th></th>
<th>Very unlikely 1 (1)</th>
<th>Unlikely 2 (2)</th>
<th>Neither likely nor unlikely 3 (3)</th>
<th>Likely 4 (4)</th>
<th>Very likely 5 (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>electricity consumption</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>heating consumption</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>car usage</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>carbon footprint</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
### Social performance (soc1 to soc3)

**soc1**

Only displayed to respondents with old = 0/1/3.

Please respond to each description in what respect it applies to your conduct of life.

<table>
<thead>
<tr>
<th>Description</th>
<th>Does not apply at all (1)</th>
<th>Does not apply (2)</th>
<th>Applies somewhat (3)</th>
<th>Applies fully (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I cultivate an upscale standard of life. [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I live according to religious principles. [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I hold on my family’s old traditions. [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I enjoy my life to the full. [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I go out much. [ _5 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>My life pleases me especially well when a lot of activities is going on. [ _6 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

**soc2**

Only displayed to respondents with old = 0/1/3.

How often do you perform the following leisure activities?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Never (1)</th>
<th>Seldom (2)</th>
<th>Sometimes (3)</th>
<th>Often (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visiting art exhibitions or galleries. [ _1 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Reading books. [ _2 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Reading a regional newspaper such as 20 minutes. [ _3 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Reading a nationwide newspaper such as NZZ. [ _4 ]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

**soc3**

Only displayed to respondents with old = 0/1/3.

If you go out to have a really good dinner, how much do you spend per person (including everything) at most?

CHF: __________ accepted range: 0-9999 (at most 4 digits, no decimal)
Habits and routines (soc4a to soc5)

**soc4a**
Only displayed to “fresh” respondents (old = 0).
Please indicate the extent to which you agree with the following statements.

<table>
<thead>
<tr>
<th></th>
<th>Strongly Disagree (1)</th>
<th>Disagree (2)</th>
<th>Neither Agree nor Disagree (3)</th>
<th>Agree (4)</th>
<th>Strongly Agree (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>When I am cold, turning up the heating is something...</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do automatically [ _1a ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I do without having to consciously remember [ _1b ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do without thinking [ _1c ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I start doing before I realize I am doing it [ _1d ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>When I am taking a shower, turning off the water while soaping up is something...</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do automatically [ _3a ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I do without having to consciously remember [ _3b ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do without thinking [ _3c ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I start doing before I realize I am doing it [ _3d ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Saving electricity (e.g., through switching off lights or stand-by mode) is something...</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do automatically [ _4a ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I do without having to consciously remember [ _4b ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do without thinking [ _4c ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>I start doing before I realize I am doing it [ _4d ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Only displayed to “fresh” respondents (old = 0).

How important is the following to you?

<table>
<thead>
<tr>
<th>Item</th>
<th>Not at all important (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very Important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat your flat enough to not have to wear a pullover in winter [1]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Live in a large apartment [2]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Take several baths per week [3]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Take long showers [4]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Leave your appliances in standby when not in use [5]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Wear fresh clothes every day [6]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Make holidays in faraway countries [7]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Live close to place of work [8]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Have your own car [9]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Items 10 and 11 have been dropped</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Have your own tools and appliances [12]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Air regularly in the winter [13]</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
### Social context (soc6 to soc13)

#### soc6

Only displayed to "fresh" respondents (old = 0).

Regarding energy and saving energy, how strongly do you trust information provided by the following people?

<table>
<thead>
<tr>
<th>People</th>
<th>Not at all (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>Very strongly (5)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family, friends or colleagues [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Neighbors [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Swiss Federal Office of Energy [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Local authorities [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Local energy supply utility [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Scientists [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Consumer organizations [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Environmental organizations [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Technical experts (engineers, architects, facility managers, ...) [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Property management company [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Associations (clubs, ...) [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

#### soc7

Only displayed to "fresh" respondents (old = 0).

From whom have you already taken up recommendation for changing your energy consumption?

For each person/organization 0 = no, 1 = yes.

- Family, friends or colleagues [ _1 ]
- Neighbors [ _2 ]
- Swiss Federal Office of Energy [ _3 ]
- Local authorities [ _4 ]
- Local energy supply utility [ _5 ]
- Scientists [ _6 ]
- Consumer organizations [ _7 ]
- Environmental organizations [ _8 ]
- Technical experts (engineers, architects, facility managers, ...) [ _9 ]
- Property management company [ _10 ]
- Associations (clubs, ...) [ _11 ]
- Other (specify): [ _12 ] [text in soc7_12_other]
- No one [ _13 ] (this answer is exclusive)
Which of the following life events you have experienced in the last 12 months?

**soc8a**

Only displayed to “fresh” respondents (old = 0).

If you experience problems in answering this question, detailed information is available [here (in German)](in German) and [here (in French)](in French).

Should the problems persist, please send us a screenshot by e-mail.

<table>
<thead>
<tr>
<th>Which of the following life events have you experienced in the last 12 months?</th>
<th>In what month did you experience the specific life event?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wedding [ _1 ]</td>
<td>Dropdown menu with April 2018 (1), March 2018 (2), ..., April 2017 (13), I do not know (-1)</td>
</tr>
<tr>
<td>Birth of first child [ _2 ]</td>
<td></td>
</tr>
<tr>
<td>Divorce [ _3 ]</td>
<td></td>
</tr>
<tr>
<td>Marital separation [ _4 ]</td>
<td></td>
</tr>
<tr>
<td>Unemployment [ _5 ]</td>
<td></td>
</tr>
<tr>
<td>Personal injury or illness [ _6 ]</td>
<td></td>
</tr>
<tr>
<td>Change in health of family member [ _7 ]</td>
<td></td>
</tr>
<tr>
<td>Start of pregnancy [ _8 ]</td>
<td></td>
</tr>
<tr>
<td>Death of spouse/partner [ _9 ]</td>
<td></td>
</tr>
<tr>
<td>Start a new job [ _10 ]</td>
<td></td>
</tr>
<tr>
<td>Moving house [ _11 ]</td>
<td></td>
</tr>
<tr>
<td>Start university/college [ _12 ]</td>
<td></td>
</tr>
<tr>
<td>Start of retirement [ _13 ]</td>
<td></td>
</tr>
<tr>
<td>Serious environmental disaster (e.g., flooding, etc.) [ _14 ]</td>
<td></td>
</tr>
</tbody>
</table>

For each item 0 = no, 1 = yes.
**soc8b**

Only displayed to “fresh” respondents (old = 0) who have ticked at least one event in **soc8a**. Only events ticked in **soc8a** are displayed to the respondent.

How positively or negatively have you experienced the specific events?

<table>
<thead>
<tr>
<th>Event</th>
<th>Very negatively (1)</th>
<th>Negatively (2)</th>
<th>Neutral (3)</th>
<th>Positively (4)</th>
<th>Very positively (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wedding [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Birth of first child [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Divorce [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Marital separation [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Unemployment [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Personal injury or illness [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Change in health of family member [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Start of pregnancy [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Death of spouse/partner [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Start a new job [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Moving house [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Start university/college [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Start of retirement [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Serious environmental disaster (e.g., flooding, etc.) [ _14 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
### soc10
How important are the following to you?

<table>
<thead>
<tr>
<th></th>
<th>Not at all important (1)</th>
<th>Not important (2)</th>
<th>Indifferent (3)</th>
<th>Important (4)</th>
<th>Very important (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good health [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having and maintaining good relations [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Freedom and control over my life [ _3 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Safety [ _4 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Living according to my own identity [ _5 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having privacy [ _6 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having access to a clean natural environment [ _7 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having or being able to find a job [ _8 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Spending time outside work/housework to my satisfaction [ _9 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being comfortable [ _10 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being able to enjoy natural and cultural beauty [ _11 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having a varied life and pleasant experiences [ _12 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Being appreciated and respected by others [ _13 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Having nice possessions [ _14 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
soc11
Only displayed to respondents with old = 0/1.
In general, how satisfied are you with your life?
\textit{0 means “not at all satisfied” and 10 “completely satisfied”}.
\begin{itemize}
\item Not at all satisfied 0 (0)
\item 1 (1)
\item 2 (2)
\item 3 (3)
\item 4 (4)
\item 5 (5)
\item 6 (6)
\item 7 (7)
\item 8 (8)
\item 9 (9)
\item Completely satisfied 10 (10)
\item I do not know (-1)
\end{itemize}

soc12
New in SHEDS 2018.
Are you an active member of a club or association?
\begin{itemize}
\item No (0)
\item Yes, but I never meet the members, or very seldom (1)
\item Yes, we meet less than once a month (2)
\item Yes, we meet about once a month (3)
\item Yes, we meet about once a week (4)
\item Yes, we meet several times a week (5)
\end{itemize}

soc13
New in SHEDS 2018.
What type of club or association do you belong to?
For each item 0 = no, 1 = yes.
\begin{itemize}
\item Neighbourhood association [ _1 ]
\item Sports clubs (all sports such as: ball sports, yoga, gymnastics, winter sports, other sports) [ _2 ]
\item Music associations (e.g. orchestra, band, choir) [ _3 ]
\item Student association [ _4 ]
\item Political association [ _5 ]
\item Service club (Rotary, Lions, ...) [ _6 ]
\item Parent association or youth club [ _7 ]
\item Environmental organisation [ _8 ]
\item Trade Union [ _9 ]
\item Other association or club (specify): [ _10 ] ________________
\end{itemize}
Energy literacy (enlit1 to enlit17)

**enlit1**
Only displayed to “fresh” respondents (old = 0).
What do you think the top rating of the energy label for cars stands for?
- An overall low amount of fuel consumption compared to all other vehicles in the market. (1)
- A low amount of fuel consumption compared to other similar vehicles. (2)

**enlit2**
Only displayed to “fresh” respondents (old = 0).
How much do you think it costs in terms of electricity to run the following devices?

*Amounts in cents*

<table>
<thead>
<tr>
<th>Devices</th>
<th>0-19 (1)</th>
<th>20-39 (2)</th>
<th>40-59 (3)</th>
<th>60-79 (4)</th>
<th>80-100 (5)</th>
<th>More than 100 (6)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A desktop computer for 1 hour [ _1 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>A washing machine (load of 5kg at 60°C) [ _2 ]</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**enlit3**
Only displayed to “fresh” respondents (old = 0).
Which of the following consumes more energy?
- Producing 1kg of beef (1)
- Taking a warm bath (2)
- Both consume about the same (3)
- I do not know (4)

**enlit4a**
New in SHEDS 2018.
Which of the following cars has higher energy cost per 100 km?
- A gasoline car that consumes 5 litres per 100 km (1)
- An electric car that consumes 20 kWh per 100 km (2)
- Both have about the same cost (3)
- I do not know (-1)
Only displayed to “fresh” respondents (old = 0).
Indicate whether the following statements are true or false.

<table>
<thead>
<tr>
<th>Statement</th>
<th>True (1)</th>
<th>False (2)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The biggest share of energy consumed in a Swiss household is for heating purposes.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>CO₂ emissions play a crucial role in global warming.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Simply lowering the heating temperature in an average household by 1°C can help to cut down the heating demand by 6%.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Coal is a renewable energy resource.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Hydroelectric power plants account for 10% of total Swiss electricity production.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

Do you believe that energy prices will decrease or increase in the future?

<table>
<thead>
<tr>
<th>Energy Price</th>
<th>Significant decrease (1)</th>
<th>Decrease (2)</th>
<th>No decrease or increase (3)</th>
<th>Increase (4)</th>
<th>Significant increase (5)</th>
<th>I do not know (-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil price</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Electricity price</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

Imagine you have CHF 200 in a savings account and the interest rate is 10% per year. How much will there be in this account in 2 years from now?

- 220
- 240
- 242
- 260
enlit12
Only displayed to “fresh” respondents (old = 0).
Imagine that the interest rate on your savings account is 1% per year and inflation is 2% per year. After 1 year, would you be able to buy...
☒ More than today with the money in this account (1)
☒ Exactly the same as today with the money in this account (2)
☒ Less than today with the money in this account (3)

enlit13
Since 2008, heating oil and natural gas are subject to CO₂ tax, currently about 25 CHF per 100 liters (oil) or 100 kg (gas). Most of the revenues are redistributed to the Swiss population on their individual health insurance bills. All households benefit from the proceeds of the CO₂ tax payed by oil/gas consumers. Please give us your best estimate of your household’s cost and benefit of CO₂ tax in 2018.
Over the year, each person in your household will...

<table>
<thead>
<tr>
<th></th>
<th>CHF 0 (1)</th>
<th>CHF 20 (2)</th>
<th>CHF 40 (3)</th>
<th>CHF 60 (4)</th>
<th>CHF 80 (5)</th>
<th>CHF 100 (6)</th>
<th>More than CHF 100 (7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>... receive about: [ _1 ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>... pay about: [ _2 ]</td>
<td></td>
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</tbody>
</table>

enlit14
Which of the following options describes your household’s overall position with respect to CO₂ taxes?
(Multiple answers possible)
For each option 0 = no, 1 = yes.
❑ Monetary benefit thanks to our heating system and/or building insulation [ _1 ]
❑ Monetary benefit thanks to attention to our everyday energy consumption [ _2 ]
❑ Monetary loss because our building is relatively old or inefficient [ _3 ]
❑ Monetary loss because of our household special needs for heating [ _4 ]
❑ Negligible monetary loss/benefit [ _5 ]
❑ Other (please specify): [ _6 ] ___________________________ (text in enlit14_6_other)

enlit17
New in SHEDS 2018.
On 21 May 2017, Swiss voters expressed their willingness to reject or accept the initiative “revised Energy Act”.
How did you vote?
The initiative “revised Energy Act” promotes renewable energies, the reduction of energy consumption and the increase of energy efficiency. In addition, it bans the construction of new nuclear power plants.
☒ Against the “revised Energy Act” (1)
☒ In favor of the “revised Energy Act” (2)
☒ I did not vote (3)
☒ I do not remember (4)
☒ I prefer not to say (5)
enlit16
Is your neighborhood (your street) connected to the natural gas network?
- Yes (1)
- No (0)
- I do not know (-1)
Socio-economics (sec01a to sec05)

**sec01a**

New version in SHEDS 2018: detailed age structure.

How many persons (including yourself and children) are there in your household?

<table>
<thead>
<tr>
<th></th>
<th>0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
<th>5 (5)</th>
<th>6 (6)</th>
<th>7 (7)</th>
<th>8 (8)</th>
<th>9 (9)</th>
<th>10 or more (10)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Females</strong></td>
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</tr>
<tr>
<td>&lt; 6 years old [ _1f ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>6-17 years old [ _2f ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>18-65 years old [ _3f ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>&gt; 65 years old [ _4f ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
</tr>
<tr>
<td><strong>Males</strong></td>
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</tr>
<tr>
<td>&lt; 6 years old [ _1m ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>6-17 years old [ _2m ]</td>
<td>⊗</td>
<td>⊗</td>
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<tr>
<td>18-65 years old [ _3m ]</td>
<td>⊗</td>
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<tr>
<td>&gt; 65 years old [ _4m ]</td>
<td>⊗</td>
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<td>⊗</td>
</tr>
</tbody>
</table>

**sec03**

Only displayed if 2 persons or more indicated in sec01a.

Which of the following best describes your household type?

- ⊗ Single person household (0) (not displayed, but deducted from sec01a)
- ⊗ Couple without children (1)
- ⊗ Couple with children (2)
- ⊗ Single parent with one or more children (3)
- ⊗ Patchwork family (4)
- ⊗ Non-family shared household (5)

**sec02**

How many persons of your household are working for pay?

*The total should not be larger than the total of adults in the household as indicated above. Also note that we have restricted the possible answers according to your answers about the number of persons in the household.*

<table>
<thead>
<tr>
<th></th>
<th>0 (0)</th>
<th>1 (1)</th>
<th>2 (2)</th>
<th>3 (3)</th>
<th>4 (4)</th>
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<th>6 (6)</th>
<th>7 (7)</th>
<th>8 (8)</th>
<th>9 (9)</th>
<th>10 or more (10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full time (90-100%) [ _1 ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>Part time (50-80%) [ _2 ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
<tr>
<td>Part time (&lt; 50%) [ _3 ]</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
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<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
<td>⊗</td>
</tr>
</tbody>
</table>
seco4
Only displayed if at least 1 person is indicated as working for pay in seco2 and if the respondent did not tick "I do not work" in mob11a.
What is the zip code at your workplace?
Leave empty if you do not work.
   ZIP code: [ _1 ] ____________________
   Country: [ _2 ]
     • Switzerland
     • Abroad

seco5
What is the monthly gross income (CHF) of your household?
• 3,000 or less (1)
• 3,000-4,499 (2)
• 4,500-5,999 (3)
• 6,000-8,999 (4)
• 9,000-12,000 (5)
• 12,000 or more (6)
• I prefer not to say (-3)
• I do not know (-1)
**Conclusion**

**End**
Thank you very much

Please be sure to click "next" to confirm definitely your answers and receive your bonus points. You will then be redirected to Intervista’s website.

You can make any comment or remark in the box below. Also, if you would like to be informed about the results of the project, please indicate your e-mail address in the field below.

Thank you very much for your participation in this survey.

  - Comments or remarks: __________
  - E-mail address: __________ (not provided in the dataset for confidentiality reasons)