

## Data description

An explanation of each of the variables contained in “*DIVES\_choice\_data.csv*” is provided in Table 1 below.

*Table 1: Description of choice experiment specific data, of the attributes and attribute levels of the choice experiment as well as of the socioeconomic variables and their levels*

VARIABLE (Column name)	EXPLANATION OF LEVELS
ID	Respondent's ID
choice_number	Indicates the choice number per respondent. Ranges from 1 to 12.
alt1_, alt2_, sq_hazardzone	Describes the hazard zone presented in each of the three alternatives. 1: White hazard zone 2: Blue hazard zone 3: Red hazard zone
alt1_, alt2_, sq_trafficinfra	Describes whether the forest management in the presented alternative also provides protection extended to traffic infrastructure. 1: Yes 2: No
alt1_, alt2_, sq_costing	Describes the costing method presented in the alternative. 1: Risk based 2: Lump sum
alt1_, alt2_, sq_contribution	Describes the contribution mode presented in the alternative. 1: Voluntary 2: Mandatory
alt1_, alt2_, sq_charge	Describes the charge levied in the specific alternative. CHF 0 CHF 100 CHF 300 CHF 500 CHF 700 CHF 900
experiment_is_understandable	Asks the respondent whether she/he agrees that the questions were formulated in an understandable way 1: Strongly disagree 2: Rather not agree 3: Partly/partly 4: Rather agree 5: Strongly agree 6: Do not know/ not specified
confidence_in_decisions	Asks the respondent whether she/he agrees that when making the decision she/he felt confident about it. 1: Strongly disagree 2: Rather not agree

	<p>3: Partly/partly  4: Rather agree  5: Strongly agree  6: Do not know/ not specified</p>
felt_pressured	<p>Asks the respondent whether she/he agrees that when making the decision she/he felt urged to give certain answers.</p> <p>1: Strongly disagree  2: Rather not agree  3: Partly/partly  4: Rather agree  5: Strongly agree  6: Do not know/ not specified</p>
realistic_choice_situations	<p>Asks the respondent whether she/he agrees that the choice situations were realistic.</p> <p>1: Strongly disagree  2: Rather not agree  3: Partly/partly  4: Rather agree  5: Strongly agree  6: Do not know/ not specified</p>
realistic_charge	<p>Asks the respondent whether she/he agrees that the charge was realistic.</p> <p>1: Strongly disagree  2: Rather not agree  3: Partly/partly  4: Rather agree  5: Strongly agree  6: Do not know/ not specified</p>
familiar_with_protection_function	<p>Asks the respondent to what extent the statement <i>"I am very familiar with the protective function of the forest in my municipality."</i> applies.</p> <p>1. Doesn't apply at all  2. Does rather not apply  3. Partly/partly  4. Rather applies  5. Fully applies  6. Don't know/not specified</p>
consider_own_hazard_as_low	<p>Asks the respondent to what extent the statement <i>"My own exposure to avalanches and rock fall is low."</i> applies.</p> <p>1. Doesn't apply at all  2. Does rather not apply  3. Partly/partly  4. Rather applies  5. Fully applies  6. Don't know/not specified</p>
forest_management_sufficient	<p>Asks the respondent to what extent the statement <i>"The current silvicultural measures for avalanche and rock fall protection in my municipality are sufficient."</i> applies.</p>

	<ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> <li>5. Fully applies</li> <li>6. Don't know/not specified</li> </ol>
cc_adversely_affects_forests	<p>Asks the respondent to what extent the statement "<i>Over the next 50 years, climate change will increasingly contribute to wind throw and pest infestation in forests.</i>" applies.</p> <ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> <li>5. Fully applies</li> <li>6. Don't know/not specified</li> </ol>
cc_reduces_nh_risk	<p>Asks the respondent to what extent the statement "<i>Over the next 50 years, climate change will lead to a sharp decline in avalanche and rock fall hazards.</i>" applies.</p> <ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> <li>5. Fully applies</li> <li>6. Don't know/not specified</li> </ol>
public_authorities_responsible	<p>Asks the respondent to what extent the statement "<i>Avalanche protection is the sole responsibility of the federal and cantonal authorities.</i>" applies.</p> <ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> <li>5. Fully applies</li> <li>6. Don't know/not specified</li> </ol>
cc_increases_nh_risk	<p>Asks the respondent to what extent the statement "<i>Climate change is aggravating the natural hazard situation.</i>" applies.</p> <ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> <li>5. Fully applies</li> <li>6. Don't know/not specified</li> </ol>
concerned_about_cc	<p>Asks the respondent to what extent the statement "<i>I am generally concerned about the effects of climate change.</i>" applies.</p> <ol style="list-style-type: none"> <li>1. Doesn't apply at all</li> <li>2. Does rather not apply</li> <li>3. Partly/partly</li> <li>4. Rather applies</li> </ol>

	<p>5. Fully applies</p> <p>6. Don't know/not specified</p>
risk_appetite	<p>Indicates respondent's willingness to take risk on a scale from 0 to 10.</p> <p>0: Absolutely no willingness to take risks</p> <p>10: Very high willingness to take risks</p>
gender	<p>Indicates respondent's gender.</p> <p>1: Male</p> <p>2: Female</p> <p>3: Other</p>
year_of_birth	<p>Respondent's year of birth YYYY</p>
income	<p>Indicates the total income of all members of respondent's household</p> <p>1: Less than CHF 2,000</p> <p>2: CHF 2,000 to below CHF 4,000</p> <p>3: CHF 4,000 to below CHF 6,000</p> <p>4: CHF 6,000 to below CHF 8,000</p> <p>5: CHF 8,000 to below CHF 10,000</p> <p>6: CHF 10,000 to below CHF 12,000</p> <p>7: CHF 12,000 to below CHF 14,000</p> <p>8: CHF 14,000 to below CHF 16,000</p> <p>9: CHF 16,000 to below CHF 18,000</p> <p>10: More than CHF 18,000</p>
building_type	<p>Indicates the type of building the respondent lives in</p> <p>1: Single- family house</p> <p>2: Multi- family house</p> <p>3: Other</p>
property_owner	<p>Indicates whether the respondent is a property owner.</p> <p>1: Owner</p> <p>2: Tenant</p>
main_residence	<p>Indicates the residence status of the respondent in the specific municipality.</p> <p>1: Main residence</p> <p>2: Secondary residence</p>
number_of_people_in_hh	<p>Indicates how many people are living in the respondent's household.</p>
number_of_children_in_hh	<p>Indicates how many children under 18 years are living in the respondent's household.</p> <p>1: 0</p> <p>2: 1</p> <p>3: 2</p> <p>4: 3 and more</p>
years_living_in_apartment	<p>Indicates the number of years the respondent has been living in her/his current apartment</p>
years_living_in_municipality	<p>Indicates the number of years the respondent has been living in the municipality</p>
hazard_zone	<p>Indicates the hazard zone the respondent actually lives in.</p> <p>1: Red hazard zone</p> <p>2: Blue hazard zone</p>

	<p>3: White hazard zone 4: I don't know</p>
education	<p>Indicates respondent's highest educational qualification.</p> <p>1: No graduation 2: Primary, secondary, secondary modern, or district school 3: Apprenticeship, vocational school or commercial school 4: A-levels, vocational school-leaving certificate, diploma from an intermediate diploma, or teacher seminar 5: Swiss federal vocational diploma, degree from a higher education institution, master craftsman's examination, or commercial college 6: University, ETH, or university of applied sciences</p>
club_member	<p>Indicates whether the respondent is member of any non-profit club or association.</p> <p>1: Yes 2: No</p>
lives_in_grisons	<p>Indicates whether the respondent lives in the Canton of Grisons.</p> <p>1: Yes 2: No</p>
lives_in_valais	<p>Indicates whether the respondent lives in the Canton of Valais</p> <p>1: Yes 2: No</p>
sys_StartTime	<p>Indicates the time the respondent started the survey.</p>
sys_EndTime	<p>Indicates the time the respondent ended the survey.</p>
sys_ElapsedTime	<p>Is the end time minus the start time</p>
sys_pagetime_x	<p>Amount of seconds a respondent spent on the particular page</p>
sys_LastQuestion	<p>Last question seen by the respondent</p>
sys_RespStatus	<p>Indicates respondent's status.</p> <p>2: Incomplete 4: Disqualified 5: Qualified/Complete</p>