# #Agents: Sample Statistics 2020

This is a documentation of the #Agents -data. The data was collected in between 9.12.2019 – 19.1.2020 as a telephone survey from a gender and age - balanced sample of 15-19 year-old finnish adolescents. The total sample size is 800. An average interview took ~30 minutes and the sample was drawn from the civil registry of Finland. All together 24269 phone numbers were contacted during the sampling period.
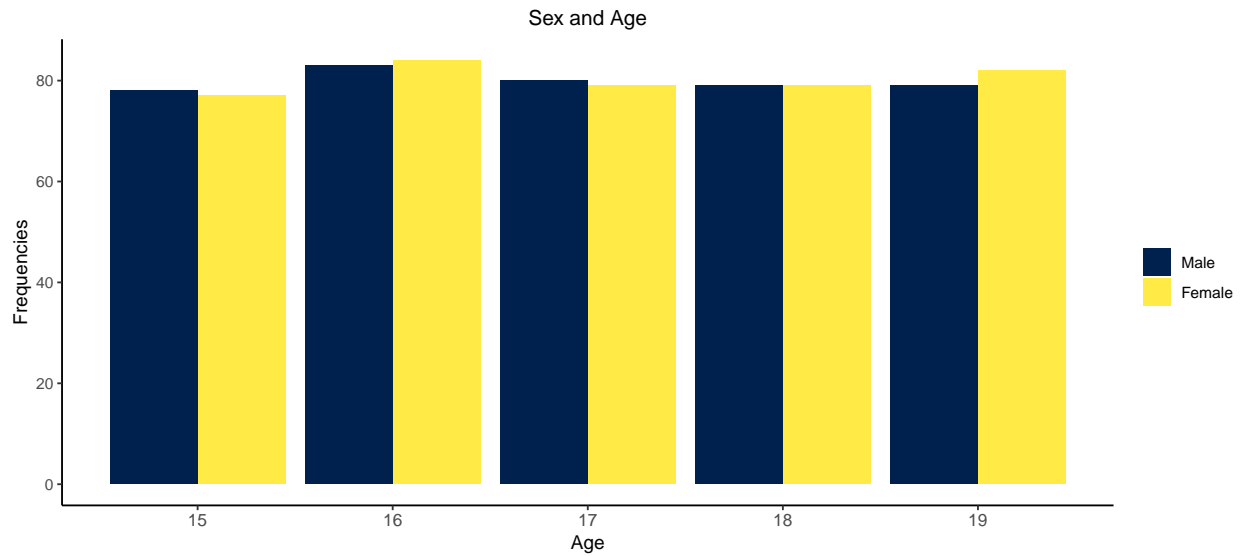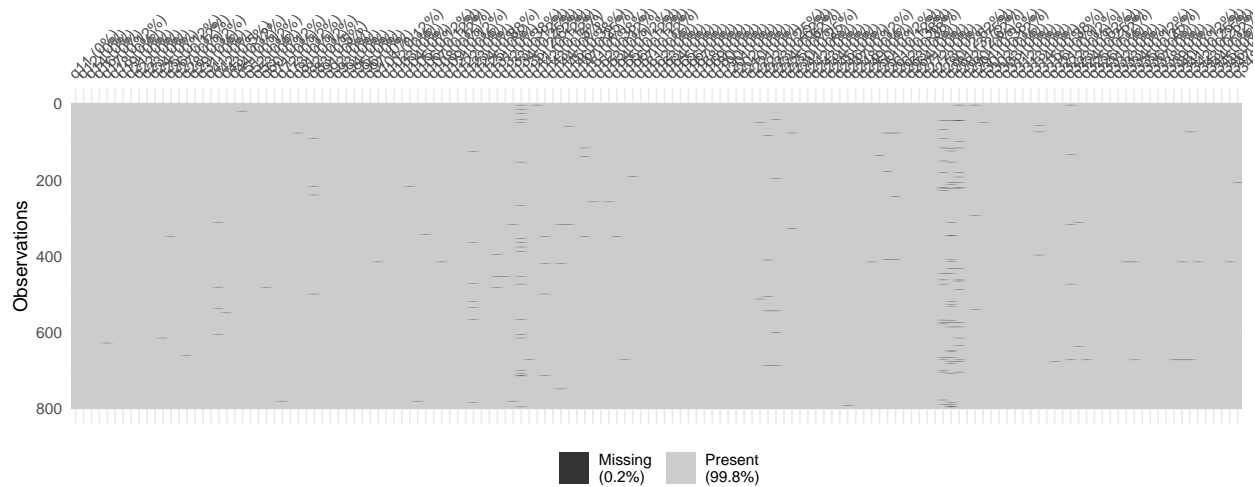

Regarding age or gender the over/underrepresentations were less than 1% (see also Table 2).

1. Missing values

The data were collected using a self-report questionnaire. There were 0.168% of the data missing altogether (not including open ended questions), none of the variables showed more than 5% missing.

Missing values

The most missing (2.62% to 3.75%) were in items assessing issues related to income (q280,q281,q282) and item q135 assessing trustworthiness of a known fake-news outlet. The income items also showed the most common intersections (same items missing from the same participants).
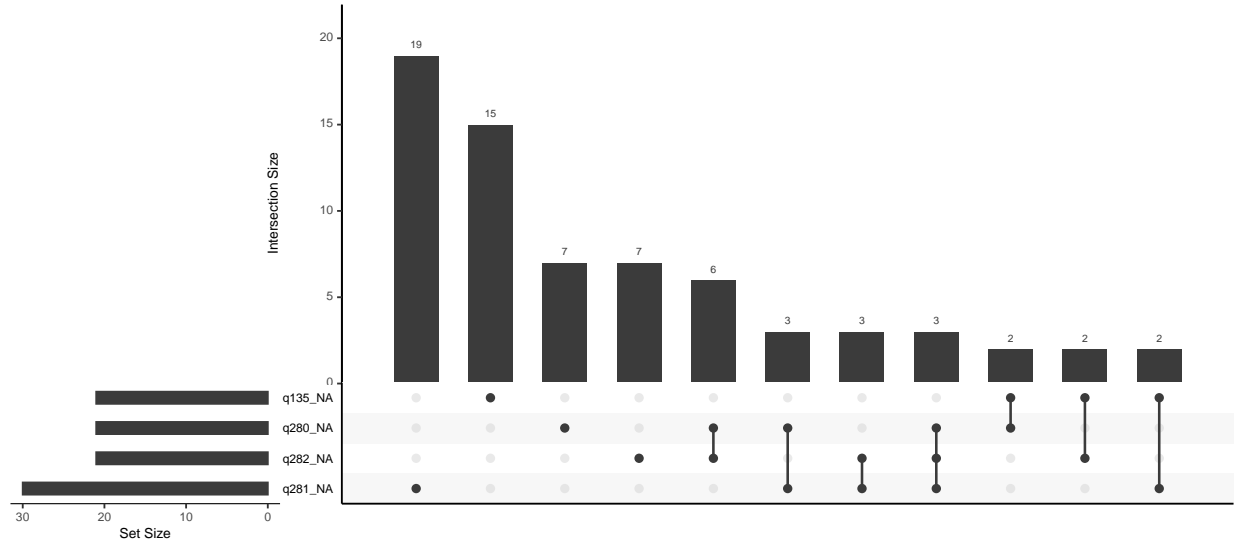
Based on the non-parametric test of heteroscedasticity, the assumption of missing completely at random (MCAR) was rejected for the numeric data (p = 0.001), but the overall amount of missing data in the dataset is very small.

2. Geographical distribution of participants

A / Municipality

B / State
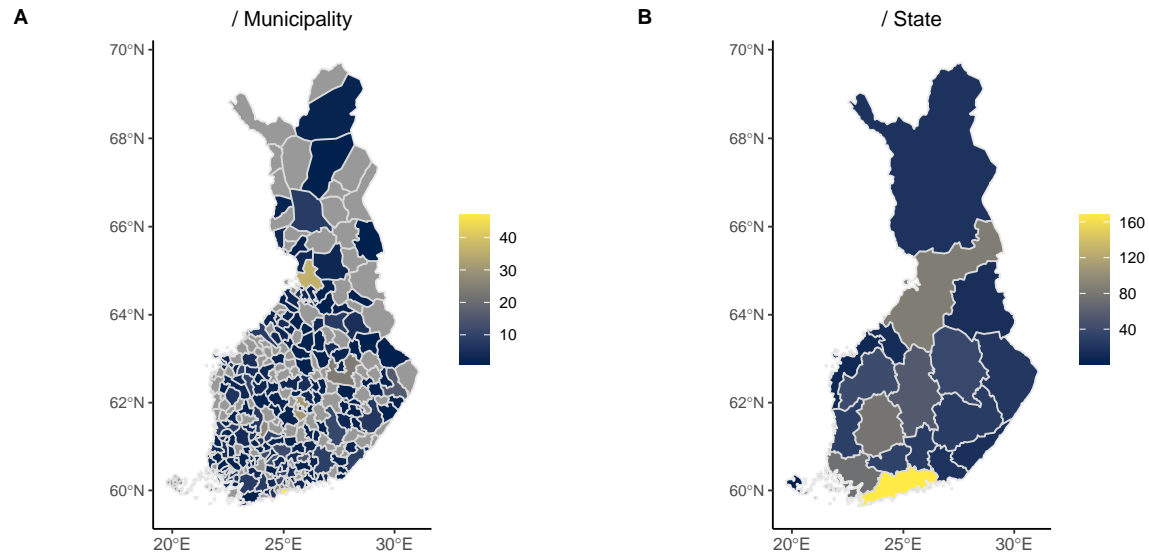
There were participants from 554 unique zip codes, of which 525 were valid. In total 770 participants gave a valid zip code (i.e. 30 participants had reported a incorrect zip code, see also Table 1). The zip codes were from 184 different municipalities from all states in Finland[1].
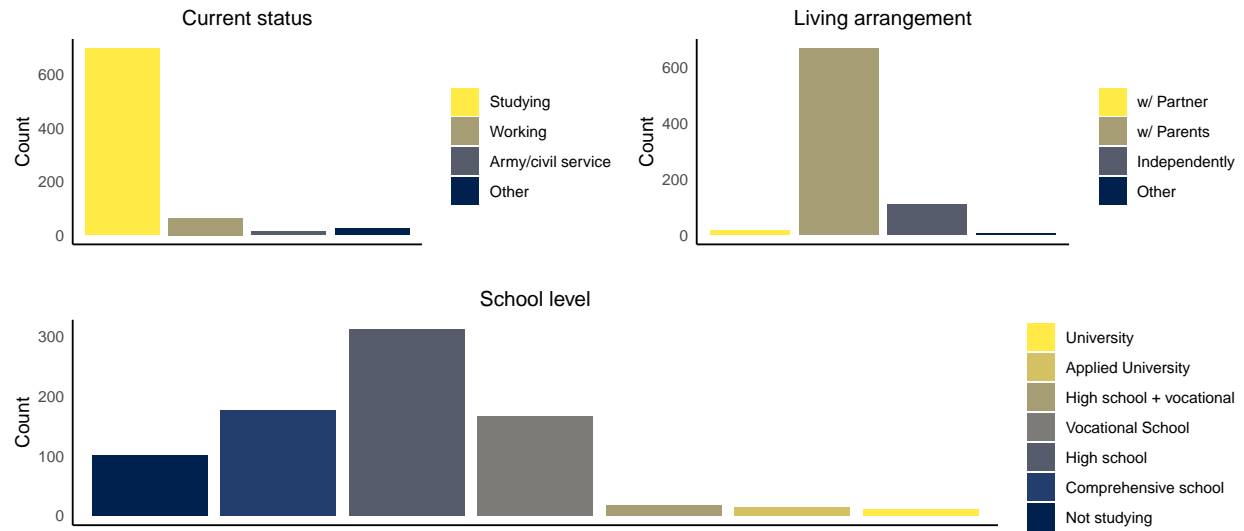
3. Current status

Most of the participants current status (see also Table 3) were either comprehensive school or secondary education student, who still lived their parents (Table 4).

4. Socio-economic status
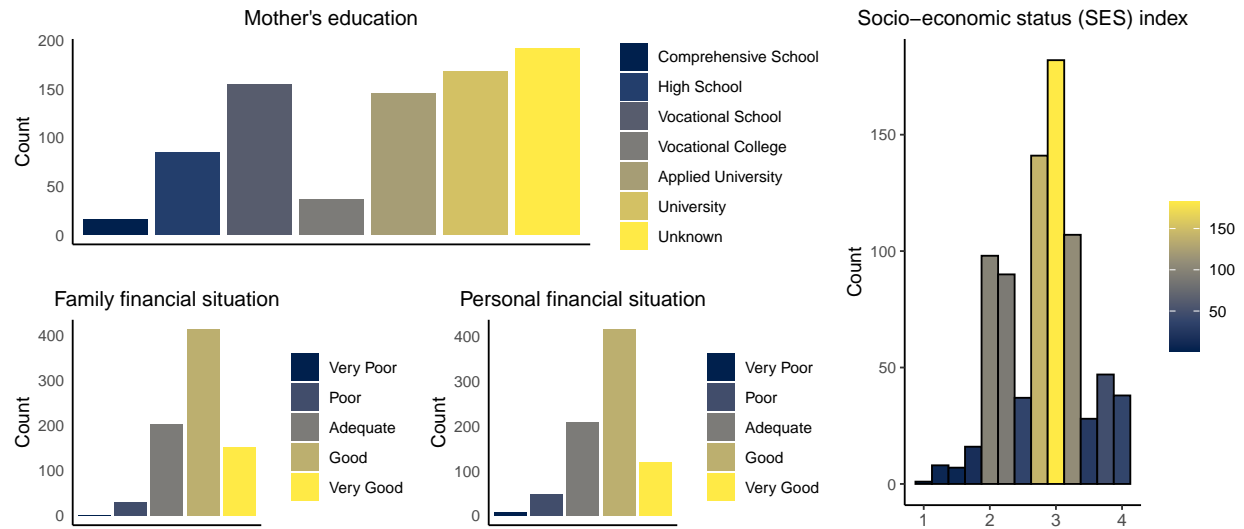
Examination of the participants socio-economic status indicated that the sample comprised of a representative distribution of young people from low to high socio-economic status. The majority reported that their mother had acquired at least a secondary degree and were in an adequate to good financial situation (see also Tables 5 and 6).

Tables

Table 1: Regional distribution of Participants

Region	Participants	%
Ahvenanmaa	1	0.00
Etelä-Karjala	16	0.02
Etelä-Pohjanmaa	41	0.05
Etelä-Savo	27	0.04
Kainuu	15	0.02
Kanta-Häme	33	0.04
Keski-Pohjanmaa	13	0.02
Keski-Suomi	55	0.07
Kymenlaakso	18	0.02
Lappi	18	0.02
Pirkanmaa	78	0.10
Pohjanmaa	9	0.01
Pohjois-Karjala	23	0.03
Pohjois-Pohjanmaa	86	0.11
Pohjois-Savo	38	0.05
Päijät-Häme	27	0.04
Satakunta	30	0.04
Uusimaa	168	0.22
Varsinais-Suomi	74	0.10

Table 2: Age and Gender distribution

Sex	Value	15 Years	16 Years	17 Years	18 Years	19 Years
Male	**n**	**78**	**83**	**80**	**79**	**79**
	%	10	10	10	10	10
Female	**n**	**77**	**84**	**79**	**79**	**82**
	%	10	10	10	10	10

Table 3: Educational level (or occupational status)

Level	Value	Studying	Working	Army/civil service	Other
Not studying	**n**	**0**	**64**	**14**	**23**
	%	0	8	2	3
Comprehensive school	**n**	**177**	**0**	**0**	**0**
	%	22	0	0	0
High school	**n**	**313**	**0**	**0**	**0**
	%	39	0	0	0
Vocational school	**n**	**166**	**0**	**0**	**0**
	%	21	0	0	0
High school + vocational	**n**	**18**	**0**	**0**	**0**
	%	2	0	0	0
Applied college	**n**	**14**	**0**	**0**	**0**
	%	2	0	0	0
University	**n**	**11**	**0**	**0**	**0**
	%	1	0	0	0

Table 4: Living arrangements

	w/ Partner	w/ Parents	Independently	Other
n	16	668	110	6
%	2	84	14	1

Table 5: Mother's educational level

	Comprehensive School	High School	Vocational School	Vocational College	Applied University	University	Unknown
n	16	85	155	37	146	168	192
%	2	11	19	5	18	21	24

Table 6: Financial situation

Variable	Value	Very Poor	Poor	Adequate	Good	Very Good
Family	**n**	**1**	**30**	**203**	**414**	**152**
	%	0	4	25	52	19
Personal	**n**	**7**	**47**	**208**	**416**	**119**
	%	1	6	26	52	15