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# Survey participation and non-response error in a pandemic scenario. Results from the ITA.LI COVID-19 study

(doi: 10.1423/100632)

Rassegna Italiana di Sociologia (ISSN 0486-0349)

Fascicolo 1, gennaio-marzo 2021

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# Survey participation and non-response error in a pandemic scenario

Results from the ITA.LI COVID-19 study

*Supplementary materials*

by CHIARA RESPI and TIZIANO GEROSA

*Results of the multivariate logistic regression with standard error clustered at the household level (n=5,590)*

<i>Variables</i>	<i>Odds Ratio</i>	<i>SE</i>
Education level (ref. Up to lower secondary)		
Higher secondary	1.566**	0,147
Tertiary	2.122**	0,270
Employment status (ref. Unemployed/Other inactives)		
Part-time worker	0.899	0,138
Full-time worker	0.741*	0,091
Homemaker	0.975	0,136
Student	0.946	0,198
Living alone (ref. No)	1.402**	0,143
Living with children 0-14 (ref. No)	1.027	0,110
Variation in mortality rate (ref. Up to 10%)		
11-50%	1.183*	0,095
51% or more	1.406*	0,198
Age in years (ref. Up to 34)		
35-49	1.357*	0,181
50-64	1.637**	0,211
65 or more	1.323	0,209
Gender (ref. Female)	0.812*	0,072
Ethnic origins (ref. Native)	0.738	0,176
Having a PC with internet connection at home (ref. No)	1.218*	0,109
Owning a mobile phone (ref. No)		
Yes, an old generation mobile phone	1.780*	0,468
Yes, a smartphone	2.493**	0,646
Personality (Big Five)		
Extraversion	1.070**	0,021
Agreeableness	1.027	0,024
Conscientiousness	1.008	0,025
Neuroticism	1.008	0,021
Openness	1.049*	0,021
Contact mode (ref. Direct)	0.249**	0,027

\* $p < .05$ , \*\* $p < .01$ .

*Results of the multiple-interaction logistic regression model with standard errors clustered at the household level (n = 5,590)*

<i>Variables</i>	<i>Odds Ratio</i>	<i>SE</i>
Contact mode (ref. Direct)	0.0410*	0,054
Education level (ref. Up to lower secondary)		
Higher secondary	1.450**	0,150
Tertiary	1.996**	0,282
Contact mode* Educational level		
Higher secondary	1.703	0,480
Tertiary	1.761	0,674
Employment status (ref. Unemployed/Other inactives)		
Part-time worker	0.953	0,159
Full-time worker	0.739*	0,098
Homemaker	0.869	0,134
Student	1.004	0,235
Contact mode* Employment status		
Part-time worker	0.674	0,318
Full-time worker	1.040	0,379
Homemaker	1.831	0,691
Student	0.952	0,577
Living alone (ref. No)	1.397**	0,143
Living with children 0-14 (ref. No)	1.051	0,126
Contact mode*Living with children	0.850	0,253
Variation in mortality rate (ref. Up to 10%)		
11-50%	1.133	0,103
51% or more	1.508**	0,239
Contact mode*Variation in mortality rate		
11-50%	1.338	0,304
51% or more	0.579	0,290
Age in years (ref. Up to 34)		
35-49	1.225	0,178
50-64	1.431*	0,203
65 or more	1.237	0,216
Contact mode*Age in years		
35-49	2.035	0,832
50-64	2.339*	0,916
65 or more	1.800	0,888
Gender (ref. Female)	0.866	0,082
Contact mode*Gender	0.639	0,159
Ethnic origins (ref. Native)	0.873	0,222
Contact mode* Ethnic origins	0.174	0,195
Having a PC with internet connection at home (ref. No)	1.240*	0,124
Contact mode* Having a PC	0.946	0,242
Owning a mobile phone (ref. No)		
Yes, an old generation mobile phone	2.085*	0,635
Yes, a smartphone	2.647**	0,806
Contact mode*Owning a mobile phone		
Yes, an old generation mobile phone	0.299	0,218
Yes, a smartphone	0.740	0,460
Personality (Big Five)		
Extraversion	1.044*	0,023
Contact mode*Extraversion	1.161**	0,062
Agreeableness	1.021	0,026
Contact mode*Agreeableness	1.035	0,067
Conscientiousness	0.998	0,027
Contact mode*Conscientiousness	1.062	0,069
Neuroticism	1.015	0,022
Contact mode*Neuroticism	0.959	0,054
Openness	1.064**	0,023
Contact mode* Openness	0.918	0,055

\* $p < .05$ , \*\* $p < .01$ .