

Appendix

Tables

Table A1. Means, standard deviations, and distribution of the independent variables by the quality dimensions and respective analytical samples

	Accuracy and interpretability		Accessibility of results		Accessibility of data	
	M	SD	M	SD	M	SD
Fieldwork start month	9.68	6.68	9.46	6.73	9.66	6.75
			(8.63)	(6.38)	(8.17)	(6.48)
Prob./telephone	0.38		0.26		0.44	
			(0.14)		(0.37)	
Prob./web	0.07		0.10		0.08	
			(0.18)		(0.06)	
Prob./mixed-mode	0.04		0.05		0.04	
			(0.13)		(0.03)	
Prob./personal or paper	0.02		0.02		0.02	
			(0.03)		(0.01)	
Non-prob./web	0.48		0.56		0.42	
			(0.52)		(0.52)	
N Surveys	686		483		590	
N Observations			4613		11740	

The distributions do not sum to 100% due to rounding. In the samples for the accessibility of results and data, the figures in brackets refer to the distribution in the survey-period datasets used for time-discrete event history analyses.

Table A2. Effect of period and survey design on interpretability—comparison of a restricted interpretability index (excluding “any outcome rate”) and the full index

	Restricted index	Full index
Fieldwork start month	-0.257 (0.595)	0.521 (0.810)
(Fieldwork start month) ²	0.000 (0.000)	-0.000 (0.001)
<i>Survey design (Ref. Non-probability)</i>		
Probability & telephone	0.126* (0.072)	0.245* (0.145)
Probability & web	0.327 (0.219)	0.798** (0.383)
Probability & mixed-mode	-0.083 (0.130)	0.126 (0.318)
Probability & personal or paper	-0.026 (0.126)	0.189 (0.276)
Constant	98.303 (218.169)	-185.913 (296.251)
N surveys	686	686

Coefficients of linear mixed models. As compared to the full interpretability index, the restricted index does not include the variable “any outcome rate”. Cluster-robust standard errors in parentheses.

Asterisks indicate levels of statistical significance: *** p<0.01, ** p<0.05, * p<0.1.

Table A3. Robustness check of the role of missings on the association between the publication of results/data and survey design—comparison of samples excluding and including cases with an unknown date of publication

	Accessibility of results		Accessibility of data	
	Without missings	With missings	Without missings	With missings
Fixed effects (Survey level):				
(Fieldwork start month)	-0.122 (0.102)	-0.189 (0.128)	0.029 (0.039)	0.007 (0.048)
(Fieldwork start month) ²	0.020 (0.013)	0.016 (0.012)	-0.007 (0.011)	-0.004 (0.012)
(Fieldwork start month) ³	-0.002 (0.002)	-0.001 (0.001)	--	--
<i>Survey design (Ref. Non-probability)</i>				
Probability & telephone	1.356 (1.256)	1.409 (1.059)	16.461*** (5.655)	16.568*** (5.248)
Probability & web	-1.359 (2.060)	-1.619 (2.246)	14.139** (6.820)	14.971*** (5.213)
Probability & mixed-mode	-0.350 (1.537)	0.091 (1.302)	16.813*** (5.685)	17.667*** (4.768)
Probability & personal or paper	1.303 (1.776)	0.819 (1.819)	18.088*** (4.573)	18.182*** (4.139)
Constant	8.425*** (1.040)	8.838*** (1.146)	-7.912*** (2.703)	-7.891*** (2.676)

Random effects (Survey program level):

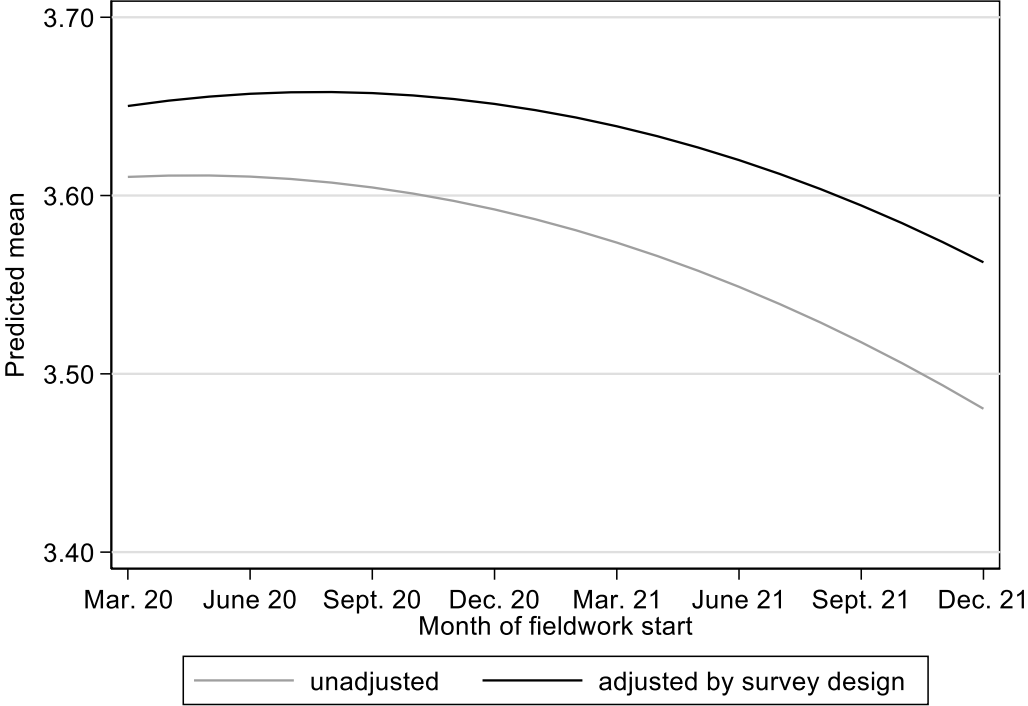
Variance – constant	255.175**	221.192**	386.874	417.399
	(110.007)	(95.289)	(400.213)	(383.000)
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N surveys	483	686	590	686

Coefficients of mixed logit models with the dependent dummy variable “Results/Data published”. Cluster-robust standard errors in parentheses. Asterisks indicate levels of statistical significance: *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$.

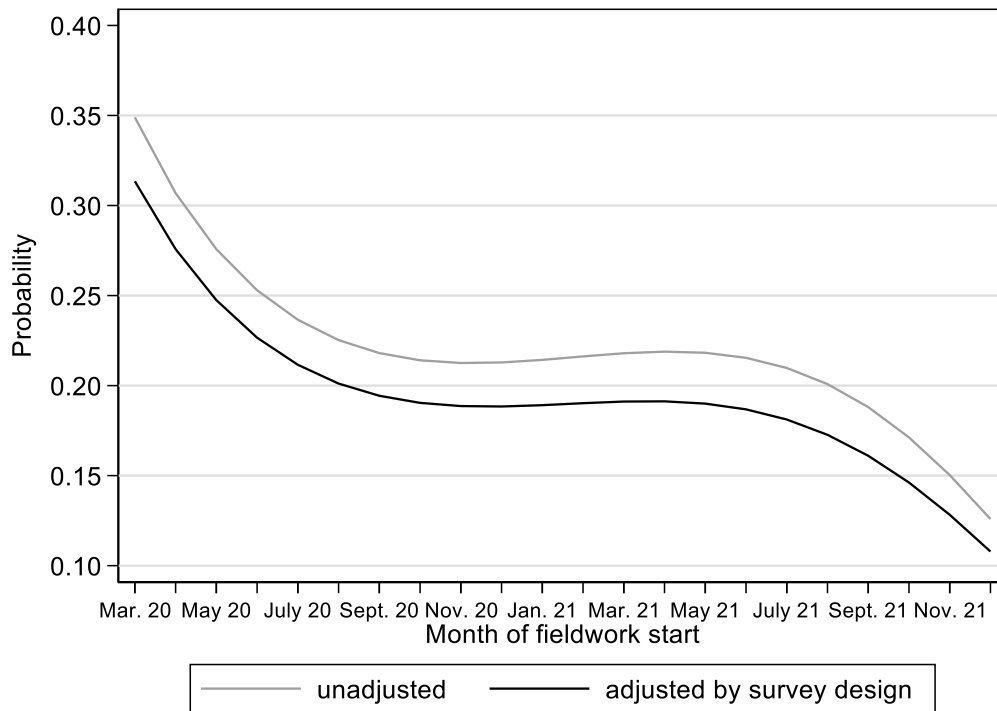
Figures

Figure A1. Unadjusted and adjusted calendar time effect on the user-centred quality dimensions - predicted values of the parametric model

a) Interpretability (predicted means; N=686)



b) Accessibility of results (predicted probabilities; N=483)



c) Accessibility of data (predicted probabilities; N=590)

