



































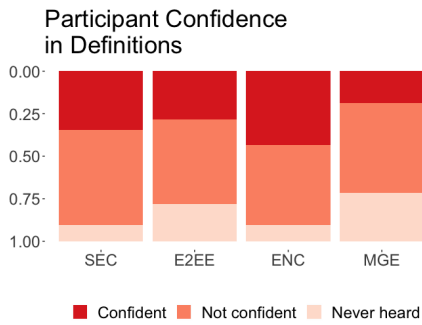


	$\beta$	95% CI	T-value	p-value
<i>Description (vs. secure)</i>				
end-to-end	-0.613	[-2.436 1.209]	-0.662	0.508
encrypted	-1.648	[-3.735 0.439]	-1.553	0.121
military-grade	-0.846	[-2.968 1.276]	-0.784	0.434
<i>Defaultness (vs. manual)</i>				
on-by-default	-1.522	[-2.854 -0.190]	-2.247	0.025*
<i>Demographic covariates</i>				
reference	0.175	[0.081 0.269]	3.663	< 0.001*
technical expertise	-1.173	[-2.643 0.296]	-1.570	0.117

**Table 11: Final model for adversary-capability score of “Your Internet Service Provider (ISP, e.g. Verizon, Article AT&T)” (ISP). Adjusted  $R^2 = 0.047$ .**

	$\beta$	95% CI	T-value	p-value
<i>Description (vs. secure)</i>				
end-to-end	0.260	[-1.706 2.227]	0.261	0.795
encrypted	-1.164	[-3.415 1.088]	-1.017	0.310
military-grade	-0.097	[-2.386 2.192]	-0.083	0.934
<i>Defaultness (vs. manual)</i>				
on-by-default	-1.033	[-2.470 0.404]	-1.414	0.158
<i>Demographic covariates</i>				
reference	0.175	[0.074 0.277]	3.396	< 0.001*
technical expertise	-1.430	[-3.015 0.156]	-1.773	0.077

**Table 12: Final model for adversary-capability score of “The United States government” (GOV). Adjusted  $R^2 = 0.034$ .**



**Figure 3: Participant confidence in explaining the security term assigned to them. Darker colors indicate more confidence.**

- I do not have digital security requirements (or precautions)
- Prefer not to say

End of survey

## B ADDITIONAL FIGURES AND TABLES

Security term	Priority	Defaultness	Count
Secure	High	Default	37
		Manual	35
Encrypted	High	Default	37
		Manual	37
End-to-end	High	Default	37
		Manual	37
	Low	Default	38
		Manual	33
Military-grade	High	Default	37
		Manual	33

**Table 8: The number of participants who saw each description.**

	IRR	95% CI	Z-value	p-value
<i>Description (vs. secure)</i>				
end-to-end	0.943	[0.830 1.073]	-0.895	0.371
encrypted	0.856	[0.736 0.995]	-2.017	0.044*
military-grade	0.921	[0.792 1.071]	-1.069	0.285
<i>Defaultness (vs. manual)</i>				
on-by-default	1.013	[0.920 1.116]	0.269	0.788
<i>Demographic covariates</i>				
reference	0.994	[0.987 1.001]	-1.729	0.084

**Table 9: Final model for who would use (general purpose) Soteria (# general users). Pseudo- $R^2 = 0.033$ . CI obtained by exponentiating the CI of the regression coefficients.**

	$\beta$	95% CI	T-value	p-value
<i>Description (vs. secure)</i>				
end-to-end	-0.956	[-2.870 0.958]	-0.982	0.327
encrypted	-1.149	[-3.341 1.042]	-1.031	0.303
military-grade	-1.386	[-3.614 0.842]	-1.223	0.222
<i>Defaultness (vs. manual)</i>				
on-by-default	-2.765	[-4.164 -1.366]	-3.887	< 0.001*
<i>Demographic covariates</i>				
reference	0.176	[0.078 0.275]	3.513	< 0.001*
technical expertise	-1.577	[-3.120 -0.033]	-2.009	0.045*

**Table 10: Final model for adversary-capability score of “Someone with a strong computer science background” (CS). Adjusted  $R^2 = 0.073$ .**