

Supplementary Table: Predictors of Optimism About the Future of the American Dream

Survey-weighted binary logistic regression; outcome = somewhat/strongly agree that “I feel optimistic about the future of the American Dream”

Predictor	Level / comparison	b	SE	p-value	Odds ratio	95% CI
Model constant	Intercept	-1.48	0.31	<.001	0.23	0.12-0.42
K-12 school performance index	Proportion of the five K-12 education goals rated Excellent or Very good, ranging from 0 to 1. The odds ratio represents the difference associated with moving from 0 (none of the answered goals rated Excellent/Very good) to 1 (all answered goals rated Excellent/Very good); respondents who answered none of the five items are excluded.	1.18	0.13	<.001	3.25	2.53-4.18
Perceived impact of generative AI on the American Dream	Help vs. make no difference/don't know	0.43	0.11	<.001	1.54	1.25-1.89
	Hurt vs. make no difference/don't know	-0.49	0.09	<.001	0.62	0.51-0.74
Education	Trade or vocational school vs. high school or less	-0.35	0.20	0.069	0.70	0.48-1.03
	Some college or associate degree vs. high school or less	-0.60	0.10	<.001	0.55	0.45-0.67
	Undergraduate degree vs. high school or less	-0.78	0.12	<.001	0.46	0.36-0.58
	Some postgraduate education or postgraduate degree vs. high school or less	-0.88	0.12	<.001	0.42	0.33-0.53
Student loan debt	No vs. yes	0.28	0.12	0.018	1.32	1.05-1.66
Employment	Works in education vs. employed in another field	-0.15	0.14	0.276	0.86	0.65-1.13
	Not employed vs. employed in another field	0.20	0.09	0.035	1.22	1.01-1.46
Parent/guardian status	No minor child in household vs. parent/guardian of a minor child in household	-0.38	0.10	<.001	0.68	0.56-0.83
Age	30-39 vs. 18-29	-0.06	0.16	0.688	0.94	0.69-1.27
	40-49 vs. 18-29	0.27	0.15	0.078	1.30	0.97-1.75
	50-59 vs. 18-29	0.22	0.15	0.144	1.25	0.93-1.67
	60-69 vs. 18-29	0.43	0.15	0.005	1.54	1.14-2.07
	70+ vs. 18-29	0.47	0.16	0.003	1.60	1.17-2.18
Political party	Democrat vs. Republican	-1.73	0.11	<.001	0.18	0.14-0.22
	Independent vs. Republican	-0.98	0.10	<.001	0.37	0.31-0.46
	Other party vs. Republican	-1.27	0.20	<.001	0.28	0.19-0.42
Financial situation	Getting by on present income vs. living comfortably	-0.28	0.09	0.001	0.75	0.63-0.89
	Finding it difficult on present income vs. living comfortably	-0.52	0.13	<.001	0.60	0.47-0.76
	Finding it very difficult on present income vs. living comfortably	-0.42	0.17	0.012	0.66	0.47-0.91
Race/ethnicity	Other vs. White	0.28	0.24	0.239	1.32	0.83-2.09
	Black vs. White	0.28	0.11	0.014	1.33	1.06-1.66
	Asian vs. White	0.14	0.17	0.404	1.16	0.82-1.62
	Hispanic vs. White	-0.03	0.13	0.809	0.97	0.76-1.24
General resilience	One-unit increase in The Brief Resilience Scale score Smith, B.W., Dalen, J., Wiggins, K., Tooley, E., Christopher, P. and Bernard, J. (2008). <i>The Brief Resilience Scale: Assessing the Ability to Bounce Back. International Journal of Behavioral Medicine</i> , 15, 194-200.	0.20	0.06	<.001	1.22	1.09-1.38
General optimism	One-unit increase in The Optimism–Pessimism Short Scale–2 score Nießen, D., Groskurth, K., Kemper, C. J., Rammstedt, B., & Lechner, C. M. (2022). <i>The Optimism–Pessimism Short Scale–2 (SOP2): A comprehensive validation of the English-language adaptation. Measurement Instruments for the Social Sciences</i> , 4, Article e11067. https://doi.org/10.1186/s42409-021-00027-6	0.50	0.05	<.001	1.65	1.49-1.82

Note. “Perceived impact of generative AI on the American Dream” is a survey question asking whether the use of generative AI tools or software will help or hurt people’s ability to achieve the American Dream. “Help” combines Help it a lot and Help it somewhat; “Hurt” combines Hurt it somewhat and Hurt it a lot. Make no difference and Don’t know form the reference category.