Susceptibility to misinformation is consistent across question framings and response modes and better explained by myside bias and partisanship than analytical thinking

SUPPLEMENTARY INFORMATION

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Author Contributions

Conceptualization: J.R., R.M., S.M.H., M.G., R.K., and S.v.d.L.
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Open Practices Statement: This study was preregistered (https://aspredicted.org/7ht5z.pdf).

All information required to replicate our methods and results, including the raw and cleaned

datasets, Qualtrics survey, full list of headlines, preregistration, supplementary tables and

figures, and our analysis and visualisation scripts, can be found on our OSF page:

https://osf.io/b9m3k/.

Supplementary Analysis S1: Veracity discernment, fake news & real news scores calculation

The MIST veracity discernment ability (VDA), real news (RNS), and fake news (FNS) scores were calculated following Maertens, Götz, et al. (2022), but adapted to have comparable ranges across different response modes.

- **Veracity Discernment Ability (VDA)**

  VDA was calculated by standardising each of the responses on a scale from 0 (most incorrect) to 1 (most correct) and taking the mean of the item scores.

- **Real News Score (RNS)**

  The mean of all standardised scores for the real news items.

- **Fake News Score (FNS)**

  The mean of all standardised scores for the fake news items.

For a more detailed overview of the calculations, see our complete data cleaning protocol on our OSF page ("data cleaning protocol.pdf").
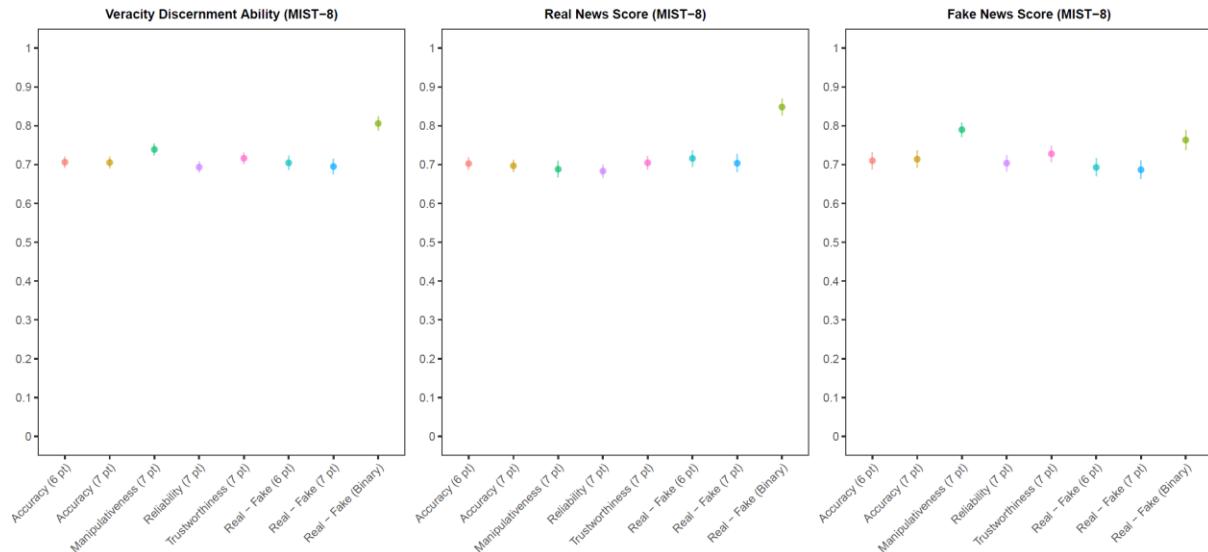
Figure S1. Point-range plots for MIST-8 veracity discernment ability, real news score, and fake news score, by condition. Dots represent the means, vertical lines represent the 95% confidence interval. See Figure 2 for the corresponding MIST-20 figure. Note that the error margins are sometimes difficult to observe because they are so tight.
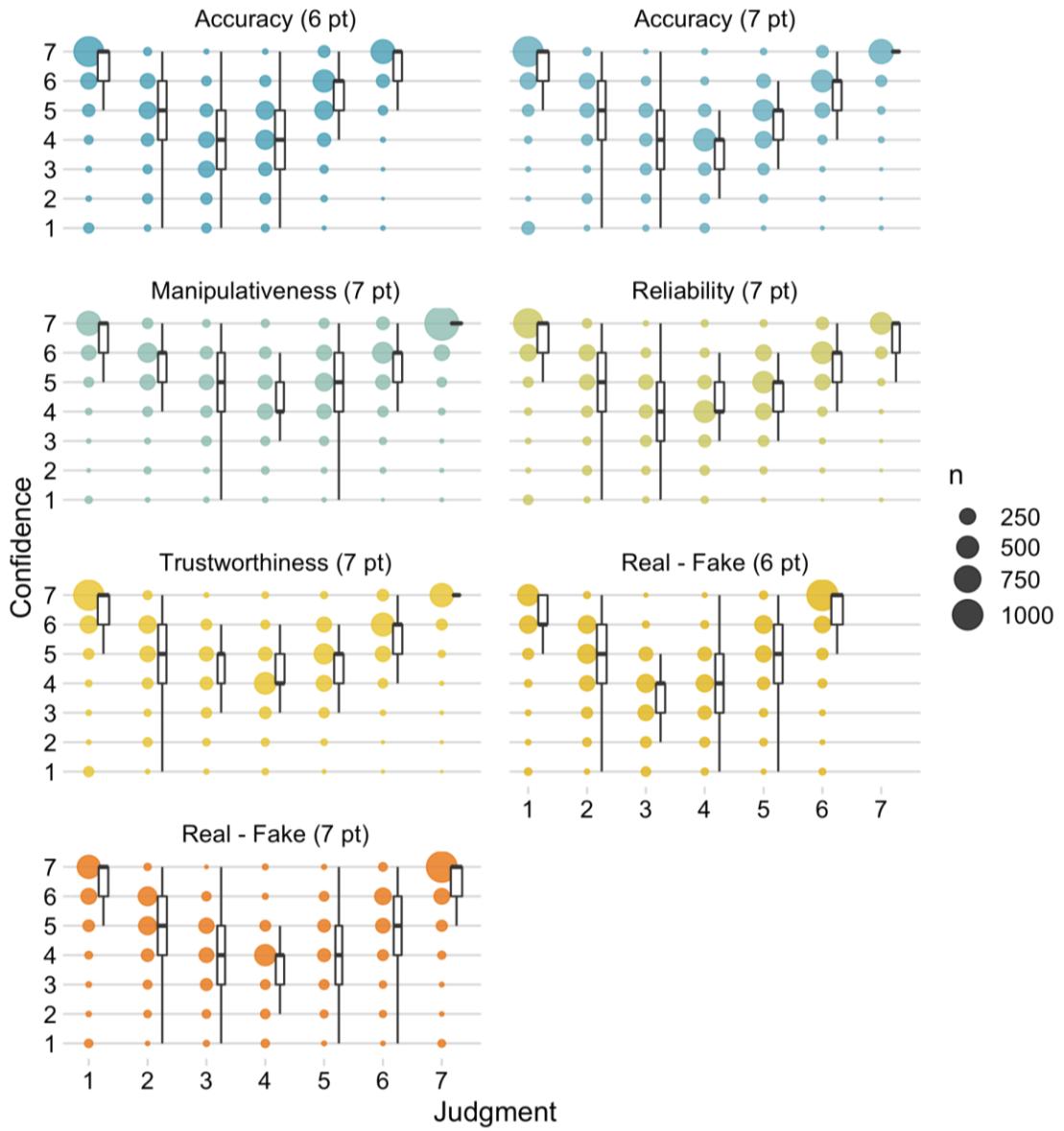
Figure S2. Distribution of confidence judgments per primary judgment rating category (pooled across participants) by condition (except the binary real–fake condition). Panels show boxplots (not showing outliers) and the area of the circles represents the number of observations per combination of confidence and primary judgment rating; the width of a boxplots is proportional to the square-root of the number of observations in the respective distribution. Because the binary real–fake condition only has two possible responses, it was omitted from this figure.
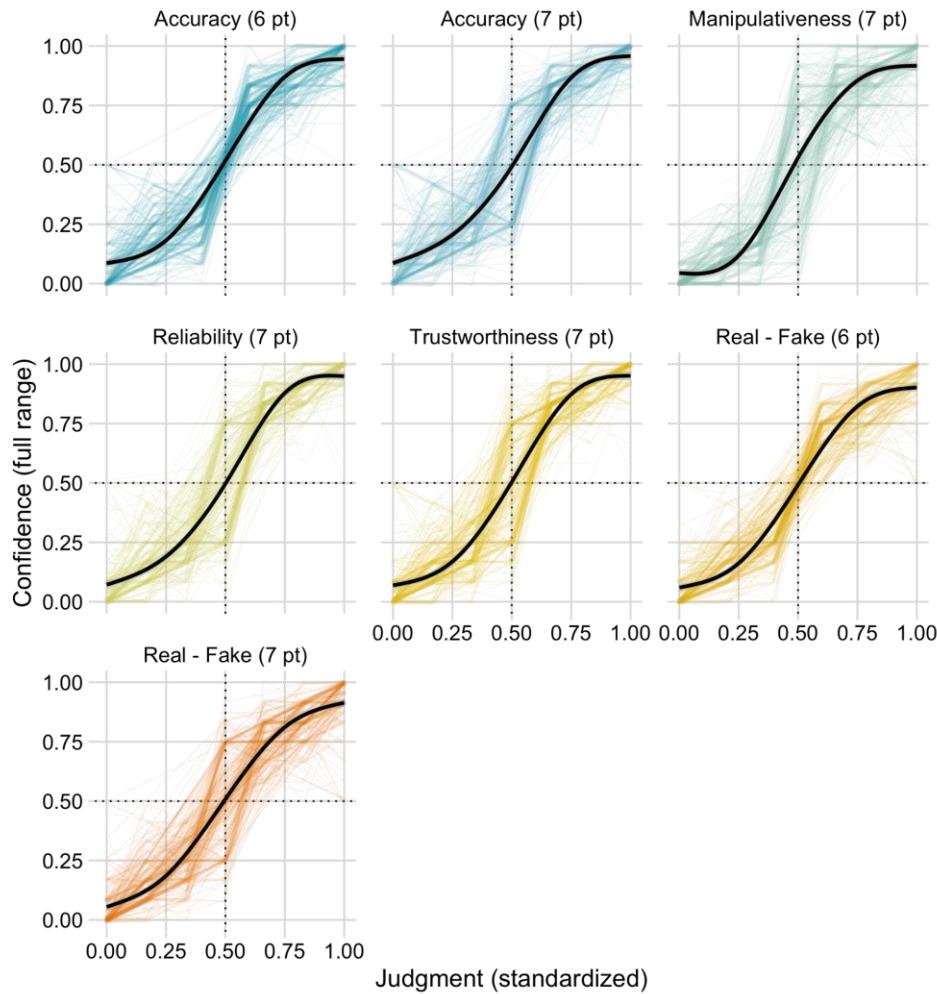
Figure S3. Relation between confidence (y-axis) and primary judgment (x-axis) by condition (except the binary real–fake condition), irrespective of the accuracy of the primary judgments. Y-axes show the full-range confidence (i.e., 1 indicates very confident that the news item is, say, trustworthy vs. 0 very confident that the news item is not trustworthy). X-axes show standardized primary judgments (i.e., scaled to the unit range and higher values imply "good" ratings of the news items, e.g., high accuracy or low manipulativeness); because the binary real–fake condition only has two possible responses, it was omitted from this analysis. The jittered, semi-transparent lines represent per participant the within-participant median confidence per primary judgment. The black lines represent generalized additive model (GAM) smooths; their 95% confidence bands are narrower than the black lines and can thus not be seen, indicating low uncertainty.
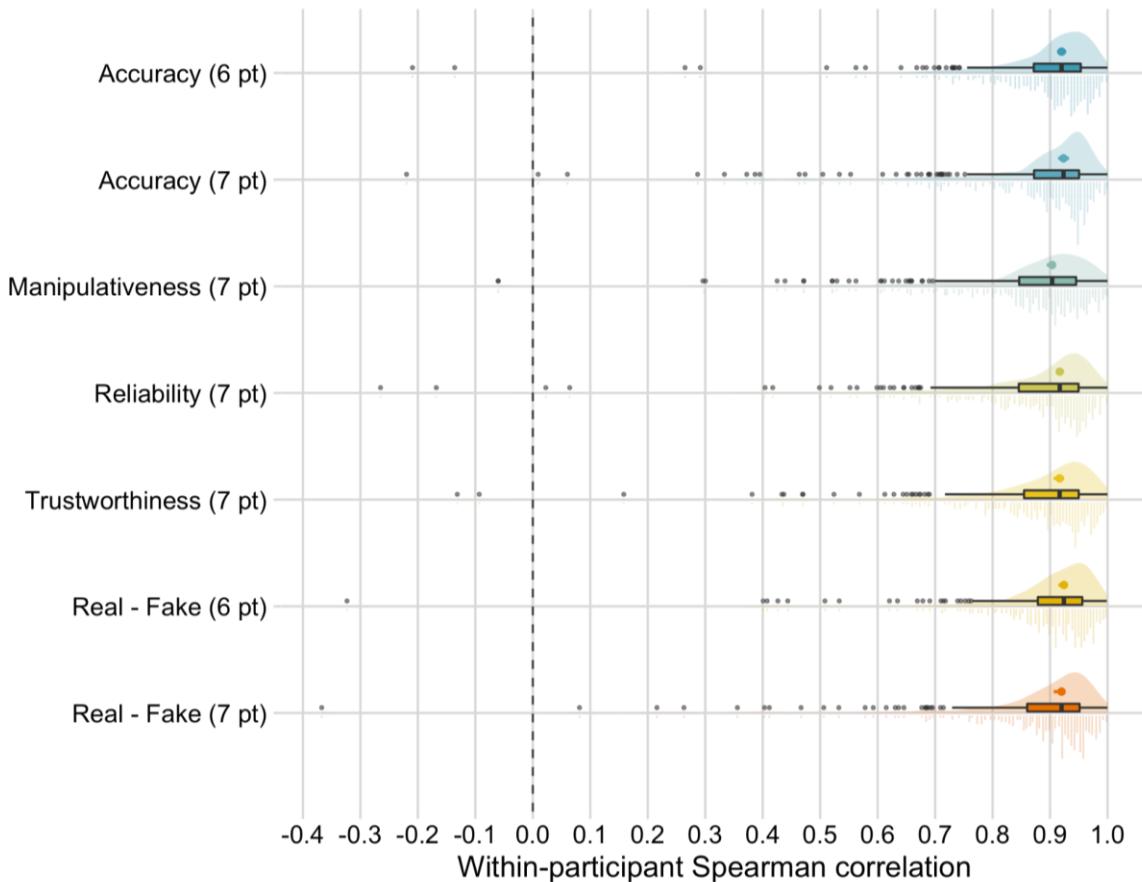
Figure S4. Within-participant Spearman correlations between full-range confidence and the primary judgment, by condition (except the binary real–fake condition). Per condition, the distribution is summarized by a boxplot (showing outliers), a point range (showing the median and its 95% percentile-bootstrapped confidence interval), density plot, and a dot plot. The width of a boxplot is proportional to the square-root of the number of participants in the respective distribution. For some conditions, the confidence intervals are narrower than the point showing the median. Because the binary real–fake condition only has two distinct responses, it was omitted.
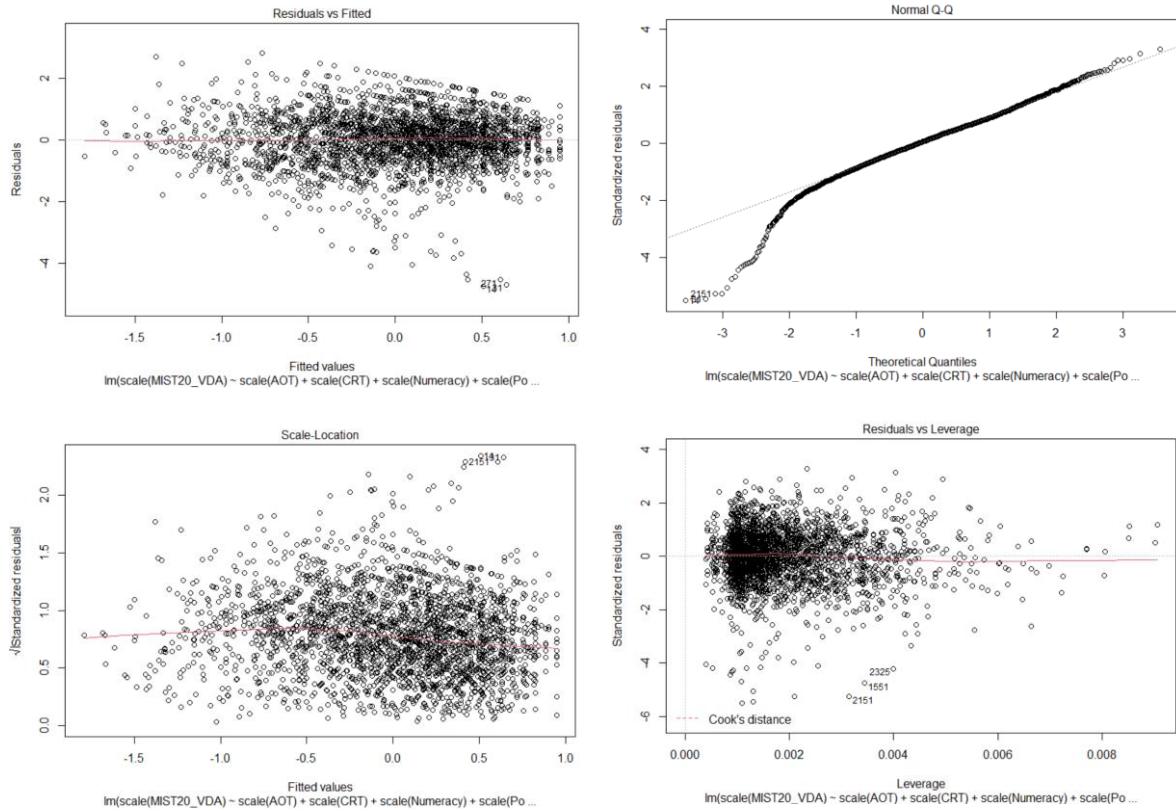
Figure S5. Diagnostic plots (pooled) for the linear regression model (with AOT, CRT,

numeracy and political ideology predicting veracity discernment ability; see Figure 4)

diagnostic plots (pooled; all conditions combined). Top figures show the residuals plot and

quantile-quantile (QQ) plot for the fitted regression model, plotted using R's plot(model)

function. A Durbin-Watson test ($d = 2.03$, $p = 0.45$, autocorrelation = -0.018) confirmed that

the residuals are uncorrelated.

Figure S6. Scatterplot per condition comparing MIST-20 Veracity Discernment Ability

(VDA) and the Area Under Curve score for the receiver operator curve, per participant. The

short dashes at the lower and left axis show the marginal distributions (rug plots). See also

Table S24 for the Spearman and Pearson correlations between VDA and AUC per condition.

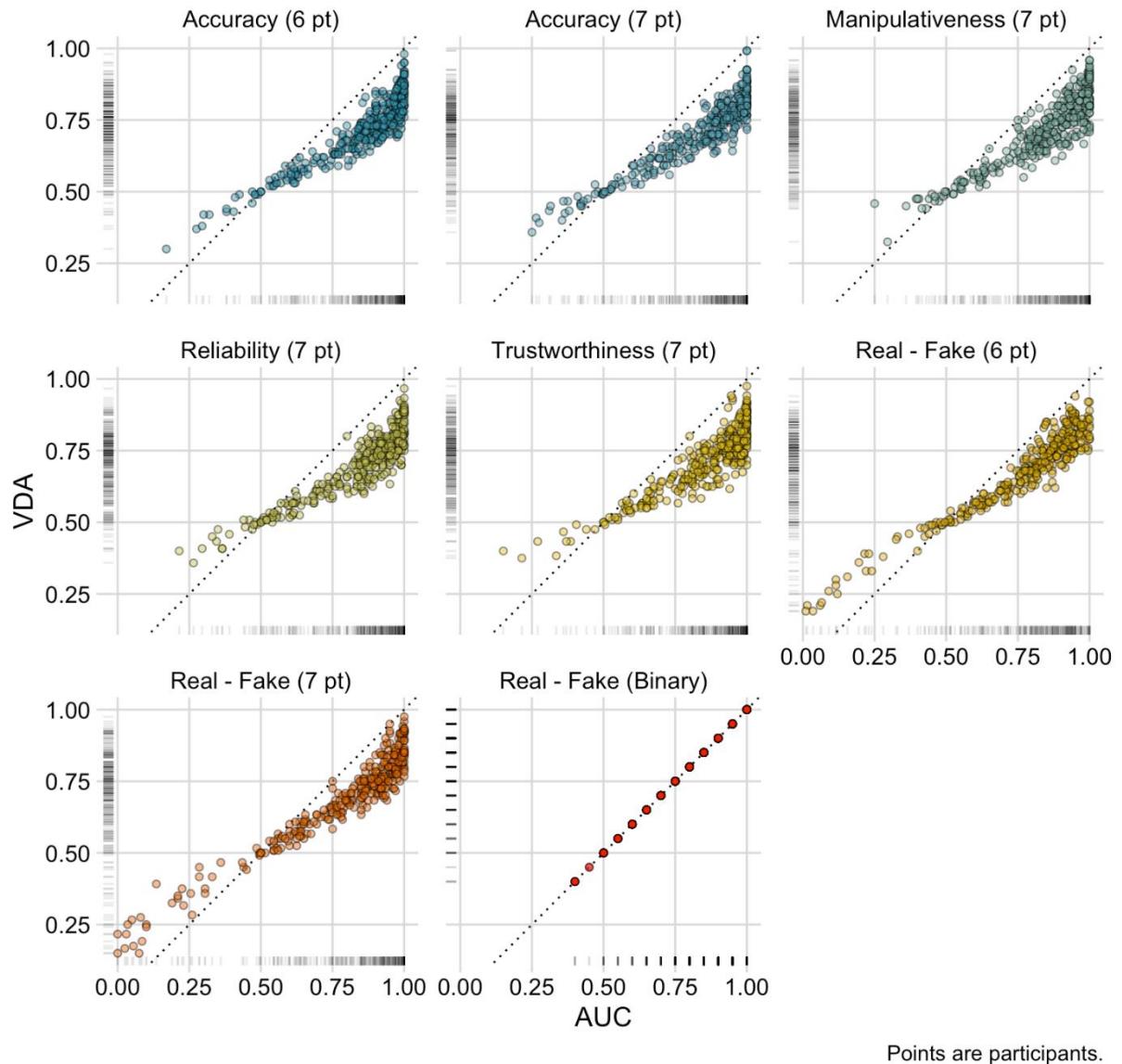| Variable	Accuracy (6 pt)		Accuracy (7 pt)		Manipulativeness (7 pt)		Reliability (7 pt)		Trustworthiness (7 pt)		Real - Fake (6 pt)		Real - Fake (7 pt)		Real - Fake (binary)	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Gender																
Female	154	47.24%	185	55.06%	158	47.02%	179	53.27%	160	47.62%	168	50.00%	147	43.75%	171	50.89%
Male	165	50.61%	144	42.86%	164	48.81%	144	42.86%	159	47.32%	141	41.96%	157	46.73%	159	47.32%
Non-binary	5	1.53%	5	1.49%	5	1.49%	7	2.08%	6	1.79%	4	1.19%	8	2.38%	4	1.19%
Other, please specify:	0	0.00%	1	0.30%	2	0.60%	1	0.30%	5	1.49%	2	0.60%	2	0.60%	2	0.60%
Prefer not to say	2	0.61%	1	0.30%	1	0.30%	0	0.00%	0	0.00%	0	0.00%	2	0.60%	2	0.60%
Education																
No formal education above age 16	0	0.00%	3	0.89%	3	0.89%	2	0.60%	0	0.00%	0	0.00%	4	1.19%	2	0.60%
Professional or technical qualifications above age 16	6	1.84%	9	2.68%	8	2.38%	5	1.49%	6	1.79%	9	2.68%	5	1.49%	6	1.79%
School education up to age 18	105	32.21%	90	26.79%	102	30.36%	109	32.44%	99	29.46%	101	30.06%	103	30.65%	110	32.74%
Degree (Bachelor's) or equivalent	151	46.32%	147	43.75%	150	44.64%	149	44.35%	140	41.67%	128	38.10%	130	38.69%	147	43.75%
Degree (Master's) or other postgraduate qualification	45	13.80%	73	21.73%	59	17.56%	55	16.37%	72	21.43%	62	18.45%	69	20.54%	62	18.45%
Doctorate	19	5.83%	14	4.17%	8	2.38%	11	3.27%	13	3.87%	15	4.46%	5	1.49%	11	3.27%
US Region																
Mid-West	68	20.86%	58	17.26%	69	20.54%	63	18.75%	43	12.80%	54	16.07%	75	22.32%	55	16.37%
North-East	72	22.09%	72	21.43%	64	19.05%	79	23.51%	85	25.30%	67	19.94%	63	18.75%	82	24.40%
South	118	36.20%	109	32.44%	122	36.31%	113	33.63%	111	33.04%	110	32.74%	96	28.57%	125	37.20%
West	68	20.86%	97	28.87%	75	22.32%	76	22.62%	91	27.08%	84	25.00%	82	24.40%	76	22.62%
How often do you check the news?																
Never	7	2.15%	3	0.89%	5	1.49%	4	1.19%	4	1.19%	5	1.49%	3	0.89%	4	1.19%
Rarely	35	10.74%	36	10.71%	27	8.04%	40	11.90%	27	8.04%	37	11.01%	32	9.52%	38	11.31%
Sometimes	97	29.75%	111	33.04%	104	30.95%	93	27.68%	112	33.33%	110	32.74%	97	28.87%	104	30.95%
Frequently	134	41.10%	125	37.20%	130	38.69%	133	39.58%	131	38.99%	113	33.63%	137	40.77%	134	39.88%
All the time	53	16.26%	61	18.15%	64	19.05%	61	18.15%	56	16.67%	50	14.88%	47	13.99%	58	17.26%
How often do you use social media?																
Never	7	2.15%	6	1.79%	4	1.19%	12	3.57%	8	2.38%	8	2.38%	10	2.98%	9	2.68%
Rarely	20	6.13%	14	4.17%	28	8.33%	21	6.25%	16	4.76%	28	8.33%	23	6.85%	27	8.04%
Sometimes	54	16.56%	68	20.24%	58	17.26%	54	16.07%	64	19.05%	61	18.15%	64	19.05%	51	15.18%
Frequently	132	40.49%	132	39.29%	133	39.58%	136	40.48%	140	41.67%	118	35.12%	132	39.29%	140	41.67%

All the time	113	34.66%	116	34.52%	107	31.85%	108	32.14%	102	30.36%	100	29.76%	87	25.89%	111	33.04%
Political Party Affiliation																
Democrat	161	49.39%	174	51.79%	185	55.06%	166	49.40%	184	54.76%	164	48.81%	164	48.81%	180	53.57%
Republican	36	11.04%	68	20.24%	49	14.58%	58	17.26%	48	14.29%	47	13.99%	57	16.96%	60	17.86%
Independent	116	35.58%	89	26.49%	85	25.30%	95	28.27%	81	24.11%	92	27.38%	69	20.54%	89	26.49%
Continuous variables	*M*	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*	*M*	*SD*
Age	36.8	13	37.5	13.2	37.3	13.5	37.1	14	35.8	13.1	37.9	14	37.5	14.1	37.2	13.5
Political ideology	3.04	1.68	3.18	1.78	2.95	1.72	3.11	1.71	3	1.8	3.15	1.7	3.03	1.75	3.1	1.78
AOT	4.17	0.53	4.14	0.54	4.18	0.53	4.14	0.56	4.19	0.5	4.21	0.52	4.17	0.53	4.16	0.53
CRT	2.16	0.92	2.05	1.03	2.14	1.01	2.04	1.04	2.25	0.93	2.23	0.91	2.11	1.01	2.14	0.99
Numeracy	3.08	0.97	3.02	0.98	3.22	0.9	3.14	0.96	3.17	0.9	3.24	0.87	3.12	0.92	3.16	0.94

Table S1. Sample composition, by condition

Variable name	Real or fake	Headline
F1	Fake	Government Officials Have Manipulated Stock Prices to Hide Scandals
F2	Fake	The Corporate Media Is Controlled by the Military-industrial Complex: The Major Oil Companies Own the Media and Control Their Agenda
F3	Fake	New Study: Left-Wingers Are More Likely to Lie to Get a Higher Salary
F4	Fake	The Government Is Manipulating the Public's Perception of Genetic Engineering in Order to Make People More Accepting of Such Techniques
F5	Fake	Left-Wing Extremism Causes 'More Damage' to World Than Terrorism, Says UN Report
F6	Fake	Certain Vaccines Are Loaded with Dangerous Chemicals and Toxins
F7	Fake	New Study: Clear Relationship Between Eye Color and Intelligence
F8	Fake	The Government Is Knowingly Spreading Disease Through the Airwaves and Food Supply
F9	Fake	Ebola Virus 'Caused by US Nuclear Weapons Testing', New Study Says
F10	Fake	Government Officials Have Illegally Manipulated the Weather to Cause Devastating Storms
R1	Real	Attitudes Toward EU Are Largely Positive, Both Within Europe and Outside It
R2	Real	One-in-Three Worldwide Lack Confidence in NGOs
R3	Real	Reflecting a Demographic Shift, 109 US Counties Have Become Majority Nonwhite Since 2000
R4	Real	International Relations Experts and US Public Agree: America Is Less Respected Globally
R5	Real	Hyatt Will Remove Small Bottles from Hotel Bathrooms by 2021
R6	Real	Morocco's King Appoints Committee Chief to Fight Poverty and Inequality
R7	Real	Republicans Divided in Views of Trump's Conduct, Democrats Are Broadly Critical
R8	Real	Democrats More Supportive than Republicans of Federal Spending for Scientific Research
R9	Real	Global Warming Age Gap: Younger Americans Most Worried
R10	Real	US Support for Legal Marijuana Steady in Past Year

Table S2. MIST headlines. Headlines highlighted in blue (F1, F3, F6, F8, R1, R5, R7, R9, R10) make up the MIST-8 (i.e., the 8 best-performing items of the MIST-20); see Tables S16 and S18. Headlines highlighted in red (F4, F5, F10) are the most right-leaning false headlines, which we excluded in one of our analyses as a robustness check (to see if our results with respect to political ideology are not skewed by the use of excessively partisan headlines); for these results, see Table S22.

	Scale	Chi Sq.	p	CFI	TLI	RMSEA	SRMR	α	ω
Question framings & response modes (configural invariance CFA models)									
Question framings (all 7-pt scales)	MIST-8	151.764	<0.001	0.958	0.938	0.048	0.045	0.85	0.88
	MIST-20	1660.567	<0.001	0.866	0.849	0.063	0.070	0.94	0.95
Response modes (binary, 6- and 7-pt Real - Fake scales)	MIST-8	75.080	0.055	0.976	0.964	0.036	0.040	0.87	0.92
	MIST-20	869.508	<0.001	0.889	0.876	0.054	0.062	0.96	0.97
Response modes (6- and 7-pt Accuracy scales)	MIST-8	55.580	0.033	0.965	0.948	0.042	0.041	0.60	0.68
	MIST-20	610.239	<0.001	0.878	0.863	0.057	0.068	0.79	0.83
By condition (SEMs)									
Accuracy (6 pt)	MIST-8	41.601	0.002	0.900	0.852	0.068	0.059	0.57	0.65
	MIST-20	293.416	< 0.001	0.888	0.874	0.055	0.070	0.78	0.83
Accuracy (7 pt)	MIST-8	13.813	0.794	1.000	1.028	0.000	0.032	0.63	0.69
	MIST-20	316.603	<0.001	0.868	0.851	0.060	0.073	0.80	0.83
Manipulativeness (7 pt)	MIST-8	36.285	0.010	0.934	0.902	0.057	0.059	0.57	0.66
	MIST-20	349.133	<0.001	0.850	0.831	0.064	0.075	0.76	0.82
Reliability (7 pt)	MIST-8	45.552	0.001	0.887	0.834	0.072	0.063	0.54	0.63
	MIST-20	356.764	<0.001	0.853	0.835	0.066	0.076	0.79	0.83
Trustworthiness (7 pt)	MIST-8	30.149	0.050	0.954	0.932	0.048	0.049	0.64	0.70
	MIST-20	324.404	<0.001	0.847	0.828	0.063	0.076	0.79	0.83
Real - Fake (6 pt)	MIST-8	27.846	0.086	0.972	0.959	0.043	0.046	0.71	0.75
	MIST-20	347.982	<0.001	0.868	0.852	0.066	0.072	0.86	0.88
Real - Fake (7 pt)	MIST-8	26.615	0.114	0.977	0.967	0.041	0.045	0.72	0.76
	MIST-20	316.240	<0.001	0.900	0.887	0.061	0.068	0.88	0.90
Real - Fake (binary)	MIST-8	20.419	0.370	0.981	0.972	0.017	0.043	0.42	0.52
	MIST-20	206.063	0.027	0.917	0.907	0.029	0.057	0.68	0.73

Table S3. Robust fit measures for the different question framings (accuracy, manipulativeness, reliability, trustworthiness and real-fake, all on a 7-point scale), response modes (real-fake on a binary, 6- and 7-point scale, plus accuracy on a 6- and 7-point scale), and per condition, for the MIST-8 and MIST-20. α = Cronbach's alpha, ω = McDonald's omega.

Condition	Scale	VDA			RNS			FNS		
		M	*Mdn*	*SD*	*M*	*Mdn*	*SD*	*M*	*Mdn*	*SD*
Accuracy (6 pt)	MIST-8	0.71	0.73	0.13	0.70	0.70	0.15	0.71	0.75	0.20
	MIST-20	0.72	0.73	0.12	0.69	0.70	0.13	0.75	0.78	0.18
Accuracy (7 pt)	MIST-8	0.71	0.73	0.14	0.70	0.71	0.15	0.71	0.75	0.21
	MIST-20	0.71	0.74	0.12	0.68	0.69	0.12	0.74	0.78	0.18
Manipulativeness (7 pt)	MIST-8	0.74	0.77	0.14	0.69	0.71	0.20	0.79	0.83	0.17
	MIST-20	0.72	0.73	0.12	0.66	0.67	0.18	0.78	0.80	0.15
Reliability (7 pt)	MIST-8	0.64	0.71	0.13	0.68	0.71	0.15	0.70	0.75	0.20
	MIST-20	0.70	0.73	0.11	0.67	0.67	0.13	0.74	0.77	0.18
Trustworthiness (7 pt)	MIST-8	0.72	0.73	0.14	0.71	0.71	0.16	0.73	0.75	0.19
	MIST-20	0.72	0.73	0.11	0.68	0.70	0.14	0.76	0.79	0.16
Real - Fake (6 pt)	MIST-8	0.70	0.73	0.17	0.72	0.75	0.19	0.69	0.70	0.21
	MIST-20	0.68	0.71	0.14	0.65	0.68	0.14	0.71	0.74	0.20
Real - Fake (7 pt)	MIST-8	0.70	0.73	0.13	0.70	0.75	0.21	0.69	0.75	0.21
	MIST-20	0.70	0.73	0.17	0.68	0.72	0.18	0.71	0.76	0.20
Real - Fake (binary)	MIST-8	**0.81**	0.88	0.17	**0.85**	1.00	0.20	0.76	0.75	0.24
	MIST-20	**0.81**	0.85	0.14	**0.83**	0.90	0.17	0.80	0.80	0.20

Table S4. Mean, median and standard deviation for veracity discernment ability, fake news score, and real news score, for the different question framings and response modes, separately for the MIST-8 and MIST-20. Scores marked in bold differ from other scores in the same category, i.e., they are significantly different from *all* other conditions for the same scale (MIST-8 or MIST-20, respectively) and score (e.g., VDA). See Tables S5-S10 for the Games-Howell post-hoc tests. VDA = **v**eracity discernment ability; RNS = **r**eal news score; FNS = **f**ake news score.

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	-0.006	-0.033	0.021	0.998
Accuracy (6 pt)	Real - Fake (binary)	0.096	0.066	0.127	0.000
Accuracy (6 pt)	Manipulativeness (7 pt)	0.000	-0.027	0.028	1.000
Accuracy (6 pt)	Real - Fake (6 pt)	-0.035	-0.067	-0.004	0.016
Accuracy (6 pt)	Real - Fake (7 pt)	-0.019	-0.053	0.015	0.703
Accuracy (6 pt)	Reliability (7 pt)	-0.014	-0.041	0.013	0.777
Accuracy (6 pt)	Trustworthiness (7 pt)	0.004	-0.023	0.032	1.000
Accuracy (7 pt)	Real - Fake (binary)	0.102	0.072	0.133	0.000
Accuracy (7 pt)	Manipulativeness (7 pt)	0.006	-0.021	0.034	0.997
Accuracy (7 pt)	Real - Fake (6 pt)	-0.029	-0.061	0.002	0.088
Accuracy (7 pt)	Real - Fake (7 pt)	-0.013	-0.047	0.021	0.946
Accuracy (7 pt)	Reliability (7 pt)	-0.008	-0.035	0.019	0.987
Accuracy (7 pt)	Trustworthiness (7 pt)	0.010	-0.017	0.038	0.943
Real - Fake (binary)	Manipulativeness (7 pt)	-0.096	-0.127	-0.065	0.000
Real - Fake (binary)	Real - Fake (6 pt)	-0.132	-0.166	-0.097	0.000
Real - Fake (binary)	Real - Fake (7 pt)	-0.115	-0.152	-0.078	0.000
Real - Fake (binary)	Reliability (7 pt)	-0.110	-0.141	-0.080	0.000
Real - Fake (binary)	Trustworthiness (7 pt)	-0.092	-0.122	-0.062	0.000
Manipulativeness (7 pt)	Real - Fake (6 pt)	-0.036	-0.067	-0.004	0.015
Manipulativeness (7 pt)	Real - Fake (7 pt)	-0.019	-0.054	0.015	0.690
Manipulativeness (7 pt)	Reliability (7 pt)	-0.014	-0.042	0.013	0.763
Manipulativeness (7 pt)	Trustworthiness (7 pt)	0.004	-0.023	0.031	1.000
Real - Fake (6 pt)	Real - Fake (7 pt)	0.016	-0.021	0.054	0.889
Real - Fake (6 pt)	Reliability (7 pt)	0.021	-0.010	0.053	0.423
Real - Fake (6 pt)	Trustworthiness (7 pt)	0.040	0.008	0.071	0.003
Real - Fake (7 pt)	Reliability (7 pt)	0.005	-0.029	0.039	1.000
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.023	-0.011	0.057	0.432
Reliability (7 pt)	Trustworthiness (7 pt)	0.018	-0.009	0.045	0.438

Table S5. Games-Howell post-hoc tests for MIST-20 Veracity Discernment Ability (See Table 2 and Figure 2).

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	-0.007	-0.037	0.023	0.996
Accuracy (6 pt)	Real - Fake (binary)	0.146	0.110	0.181	0.000
Accuracy (6 pt)	Manipulativeness (7 pt)	-0.029	-0.066	0.008	0.254
Accuracy (6 pt)	Real - Fake (6 pt)	-0.034	-0.068	-0.001	0.035
Accuracy (6 pt)	Real - Fake (7 pt)	-0.003	-0.042	0.035	1.000
Accuracy (6 pt)	Reliability (7 pt)	-0.017	-0.048	0.014	0.697
Accuracy (6 pt)	Trustworthiness (7 pt)	-0.003	-0.035	0.028	1.000
Accuracy (7 pt)	Real - Fake (binary)	0.153	0.119	0.187	0.000
Accuracy (7 pt)	Manipulativeness (7 pt)	-0.022	-0.058	0.014	0.596
Accuracy (7 pt)	Real - Fake (6 pt)	-0.027	-0.059	0.005	0.161
Accuracy (7 pt)	Real - Fake (7 pt)	0.004	-0.033	0.041	1.000
Accuracy (7 pt)	Reliability (7 pt)	-0.010	-0.039	0.020	0.973
Accuracy (7 pt)	Trustworthiness (7 pt)	0.004	-0.026	0.034	1.000
Real - Fake (binary)	Manipulativeness (7 pt)	-0.175	-0.215	-0.134	0.000
Real - Fake (binary)	Real - Fake (6 pt)	-0.180	-0.217	-0.143	0.000
Real - Fake (binary)	Real - Fake (7 pt)	-0.149	-0.190	-0.107	0.000
Real - Fake (binary)	Reliability (7 pt)	-0.163	-0.197	-0.128	0.000
Real - Fake (binary)	Trustworthiness (7 pt)	-0.149	-0.185	-0.114	0.000
Manipulativeness (7 pt)	Real - Fake (6 pt)	-0.005	-0.044	0.033	1.000
Manipulativeness (7 pt)	Real - Fake (7 pt)	0.026	-0.017	0.069	0.604
Manipulativeness (7 pt)	Reliability (7 pt)	0.012	-0.025	0.048	0.976
Manipulativeness (7 pt)	Trustworthiness (7 pt)	0.026	-0.012	0.063	0.428
Real - Fake (6 pt)	Real - Fake (7 pt)	0.031	-0.008	0.071	0.245
Real - Fake (6 pt)	Reliability (7 pt)	0.017	-0.015	0.050	0.741
Real - Fake (6 pt)	Trustworthiness (7 pt)	0.031	-0.002	0.065	0.092
Real - Fake (7 pt)	Reliability (7 pt)	-0.014	-0.052	0.024	0.952
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.000	-0.039	0.038	1.000
Reliability (7 pt)	Trustworthiness (7 pt)	0.014	-0.018	0.045	0.886

Table S6. Games-Howell post-hoc tests for MIST-20 Real News Score (See Table 2 and Figure 2).

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	-0.005	-0.047	0.038	1.000
Accuracy (6 pt)	Real - Fake (binary)	0.047	0.002	0.092	0.032
Accuracy (6 pt)	Manipulativeness (7 pt)	0.030	-0.009	0.068	0.283
Accuracy (6 pt)	Real - Fake (6 pt)	-0.036	-0.081	0.009	0.225
Accuracy (6 pt)	Real - Fake (7 pt)	-0.035	-0.080	0.011	0.281
Accuracy (6 pt)	Reliability (7 pt)	-0.011	-0.053	0.032	0.995
Accuracy (6 pt)	Trustworthiness (7 pt)	0.012	-0.028	0.052	0.984
Accuracy (7 pt)	Real - Fake (binary)	0.052	0.007	0.097	0.012
Accuracy (7 pt)	Manipulativeness (7 pt)	0.034	-0.005	0.074	0.136
Accuracy (7 pt)	Real - Fake (6 pt)	-0.031	-0.077	0.014	0.411
Accuracy (7 pt)	Real - Fake (7 pt)	-0.030	-0.076	0.016	0.484
Accuracy (7 pt)	Reliability (7 pt)	-0.006	-0.049	0.037	1.000
Accuracy (7 pt)	Trustworthiness (7 pt)	0.017	-0.024	0.057	0.911
Real - Fake (binary)	Manipulativeness (7 pt)	-0.017	-0.059	0.024	0.912
Real - Fake (binary)	Real - Fake (6 pt)	-0.083	-0.131	-0.035	0.000
Real - Fake (binary)	Real - Fake (7 pt)	-0.082	-0.130	-0.034	0.000
Real - Fake (binary)	Reliability (7 pt)	-0.058	-0.103	-0.012	0.003
Real - Fake (binary)	Trustworthiness (7 pt)	-0.035	-0.078	0.008	0.211
Manipulativeness (7 pt)	Real - Fake (6 pt)	-0.066	-0.108	-0.024	0.000
Manipulativeness (7 pt)	Real - Fake (7 pt)	-0.064	-0.107	-0.022	0.000
Manipulativeness (7 pt)	Reliability (7 pt)	-0.040	-0.080	-0.001	0.040
Manipulativeness (7 pt)	Trustworthiness (7 pt)	-0.018	-0.054	0.019	0.833
Real - Fake (6 pt)	Real - Fake (7 pt)	0.001	-0.047	0.050	1.000
Real - Fake (6 pt)	Reliability (7 pt)	0.025	-0.020	0.071	0.687
Real - Fake (6 pt)	Trustworthiness (7 pt)	0.048	0.005	0.092	0.017
Real - Fake (7 pt)	Reliability (7 pt)	0.024	-0.022	0.070	0.754
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.047	0.003	0.090	0.025
Reliability (7 pt)	Trustworthiness (7 pt)	0.023	-0.018	0.063	0.683

Table S7. Games-Howell post-hoc tests for MIST-20 Fake News Score (See Table 2 and Figure 2).

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	-0.001	-0.033	0.031	1.000
Accuracy (6 pt)	Real - Fake (binary)	0.100	0.064	0.135	0.000
Accuracy (6 pt)	Manipulativeness (7 pt)	0.033	0.001	0.064	0.038
Accuracy (6 pt)	Real - Fake (6 pt)	-0.002	-0.038	0.034	1.000
Accuracy (6 pt)	Real - Fake (7 pt)	-0.011	-0.049	0.026	0.986
Accuracy (6 pt)	Reliability (7 pt)	-0.013	-0.044	0.018	0.914
Accuracy (6 pt)	Trustworthiness (7 pt)	0.010	-0.022	0.042	0.981
Accuracy (7 pt)	Real - Fake (binary)	0.100	0.064	0.137	0.000
Accuracy (7 pt)	Manipulativeness (7 pt)	0.034	0.001	0.066	0.034
Accuracy (7 pt)	Real - Fake (6 pt)	-0.001	-0.038	0.036	1.000
Accuracy (7 pt)	Real - Fake (7 pt)	-0.010	-0.048	0.028	0.992
Accuracy (7 pt)	Reliability (7 pt)	-0.012	-0.043	0.020	0.946
Accuracy (7 pt)	Trustworthiness (7 pt)	0.011	-0.022	0.043	0.971
Real - Fake (binary)	Manipulativeness (7 pt)	-0.067	-0.103	-0.031	0.000
Real - Fake (binary)	Real - Fake (6 pt)	-0.101	-0.141	-0.062	0.000
Real - Fake (binary)	Real - Fake (7 pt)	-0.111	-0.152	-0.070	0.000
Real - Fake (binary)	Reliability (7 pt)	-0.112	-0.148	-0.077	0.000
Real - Fake (binary)	Trustworthiness (7 pt)	-0.090	-0.126	-0.053	0.000
Manipulativeness (7 pt)	Real - Fake (6 pt)	-0.035	-0.071	0.002	0.076
Manipulativeness (7 pt)	Real - Fake (7 pt)	-0.044	-0.082	-0.006	0.010
Manipulativeness (7 pt)	Reliability (7 pt)	-0.046	-0.077	-0.014	0.000
Manipulativeness (7 pt)	Trustworthiness (7 pt)	-0.023	-0.055	0.009	0.384
Real - Fake (6 pt)	Real - Fake (7 pt)	-0.009	-0.051	0.032	0.997
Real - Fake (6 pt)	Reliability (7 pt)	-0.011	-0.047	0.025	0.983
Real - Fake (6 pt)	Trustworthiness (7 pt)	0.012	-0.025	0.048	0.977
Real - Fake (7 pt)	Reliability (7 pt)	-0.002	-0.039	0.035	1.000
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.021	-0.017	0.059	0.690
Reliability (7 pt)	Trustworthiness (7 pt)	0.023	-0.009	0.054	0.348

Table S8. Games-Howell post-hoc tests for MIST-8 Veracity Discernment Ability (See Table 2 and Figure S1).

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	-0.006	-0.041	0.030	-0.006
Accuracy (6 pt)	Real - Fake (binary)	0.146	0.104	0.188	0.146
Accuracy (6 pt)	Manipulativeness (7 pt)	-0.014	-0.056	0.027	-0.014
Accuracy (6 pt)	Real - Fake (6 pt)	0.013	-0.028	0.055	0.013
Accuracy (6 pt)	Real - Fake (7 pt)	0.001	-0.043	0.045	0.001
Accuracy (6 pt)	Reliability (7 pt)	-0.019	-0.056	0.017	-0.019
Accuracy (6 pt)	Trustworthiness (7 pt)	0.002	-0.035	0.039	0.002
Accuracy (7 pt)	Real - Fake (binary)	0.152	0.110	0.193	0.152
Accuracy (7 pt)	Manipulativeness (7 pt)	-0.009	-0.049	0.032	-0.009
Accuracy (7 pt)	Real - Fake (6 pt)	0.019	-0.021	0.060	0.019
Accuracy (7 pt)	Real - Fake (7 pt)	0.007	-0.036	0.050	0.007
Accuracy (7 pt)	Reliability (7 pt)	-0.014	-0.049	0.022	-0.014
Accuracy (7 pt)	Trustworthiness (7 pt)	0.008	-0.028	0.044	0.008
Real - Fake (binary)	Manipulativeness (7 pt)	-0.160	-0.207	-0.113	-0.160
Real - Fake (binary)	Real - Fake (6 pt)	-0.132	-0.179	-0.086	-0.132
Real - Fake (binary)	Real - Fake (7 pt)	-0.145	-0.193	-0.096	-0.145
Real - Fake (binary)	Reliability (7 pt)	-0.165	-0.207	-0.123	-0.165
Real - Fake (binary)	Trustworthiness (7 pt)	-0.144	-0.186	-0.101	-0.144
Manipulativeness (7 pt)	Real - Fake (6 pt)	0.028	-0.018	0.074	0.028
Manipulativeness (7 pt)	Real - Fake (7 pt)	0.015	-0.033	0.064	0.015
Manipulativeness (7 pt)	Reliability (7 pt)	-0.005	-0.047	0.037	-0.005
Manipulativeness (7 pt)	Trustworthiness (7 pt)	0.017	-0.026	0.059	0.017
Real - Fake (6 pt)	Real - Fake (7 pt)	-0.012	-0.060	0.035	-0.012
Real - Fake (6 pt)	Reliability (7 pt)	-0.033	-0.074	0.008	-0.033
Real - Fake (6 pt)	Trustworthiness (7 pt)	-0.011	-0.053	0.030	-0.011
Real - Fake (7 pt)	Reliability (7 pt)	-0.020	-0.064	0.023	-0.020
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.001	-0.043	0.045	0.001
Reliability (7 pt)	Trustworthiness (7 pt)	0.022	-0.015	0.058	0.022

Table S9. Games-Howell post-hoc tests for MIST-8 Real News Score (See Table 2 and Figure S1).

Condition		estimate	95% CI		p
Accuracy (6 pt)	Accuracy (7 pt)	0.004	-0.044	0.052	1.000
Accuracy (6 pt)	Real - Fake (binary)	0.053	0.001	0.105	0.040
Accuracy (6 pt)	Manipulativeness (7 pt)	0.080	0.036	0.124	0.000
Accuracy (6 pt)	Real - Fake (6 pt)	-0.017	-0.066	0.032	0.965
Accuracy (6 pt)	Real - Fake (7 pt)	-0.023	-0.073	0.026	0.843
Accuracy (6 pt)	Reliability (7 pt)	-0.006	-0.053	0.041	1.000
Accuracy (6 pt)	Trustworthiness (7 pt)	0.018	-0.029	0.064	0.939
Accuracy (7 pt)	Real - Fake (binary)	0.049	-0.003	0.102	0.085
Accuracy (7 pt)	Manipulativeness (7 pt)	0.076	0.031	0.121	0.000
Accuracy (7 pt)	Real - Fake (6 pt)	-0.021	-0.071	0.029	0.905
Accuracy (7 pt)	Real - Fake (7 pt)	-0.027	-0.077	0.023	0.719
Accuracy (7 pt)	Reliability (7 pt)	-0.010	-0.058	0.037	0.998
Accuracy (7 pt)	Trustworthiness (7 pt)	0.014	-0.033	0.061	0.986
Real - Fake (binary)	Manipulativeness (7 pt)	0.027	-0.022	0.075	0.718
Real - Fake (binary)	Real - Fake (6 pt)	-0.070	-0.124	-0.017	0.002
Real - Fake (binary)	Real - Fake (7 pt)	-0.077	-0.130	-0.023	0.000
Real - Fake (binary)	Reliability (7 pt)	-0.060	-0.111	-0.008	0.011
Real - Fake (binary)	Trustworthiness (7 pt)	-0.035	-0.086	0.016	0.411
Manipulativeness (7 pt)	Real - Fake (6 pt)	-0.097	-0.143	-0.051	0.000
Manipulativeness (7 pt)	Real - Fake (7 pt)	-0.103	-0.149	-0.057	0.000
Manipulativeness (7 pt)	Reliability (7 pt)	-0.086	-0.129	-0.043	0.000
Manipulativeness (7 pt)	Trustworthiness (7 pt)	-0.062	-0.105	-0.019	0.000
Real - Fake (6 pt)	Real - Fake (7 pt)	-0.006	-0.057	0.045	1.000
Real - Fake (6 pt)	Reliability (7 pt)	0.011	-0.037	0.059	0.997
Real - Fake (6 pt)	Trustworthiness (7 pt)	0.035	-0.013	0.083	0.344
Real - Fake (7 pt)	Reliability (7 pt)	0.017	-0.032	0.066	0.963
Real - Fake (7 pt)	Trustworthiness (7 pt)	0.041	-0.007	0.090	0.162
Reliability (7 pt)	Trustworthiness (7 pt)	0.024	-0.022	0.070	0.749

Table S10. Games-Howell post-hoc tests for MIST-8 Fake News Score (See Table 2 and Figure S1)

	Scale	Chi Sq.	*p*	CFI	TLI	RMSEA	SRMR	α	ω
Confidence ratings (configural invariance model)	MIST-8	318.698	<0.001	0.925	0.890	0.064	0.045	0.72	0.74
	MIST-20	2454.642	<0.001	0.888	0.874	0.056	0.060	0.87	0.88
By condition									
Accuracy (6 pt)	MIST-8	56.615	< 0.001	0.853	0.783	0.089	0.062	0.70	0.74
	MIST-20	321.811	< 0.001	0.867	0.851	0.059	0.074	0.86	0.87
Accuracy (7 pt)	MIST-8	52.156	< 0.001	0.853	0.784	0.083	0.062	0.68	0.72
	MIST-20	382.017	< 0.001	0.796	0.771	0.070	0.076	0.84	0.86
Manipulativeness (7 pt)	MIST-8	25.508	0.144	0.982	0.974	0.036	0.040	0.76	0.78
	MIST-20	245.286	< 0.001	0.948	0.942	0.042	0.047	0.89	0.90
Reliability (7 pt)	MIST-8	37,695	0.006	0.924	0.888	0.061	0.049	0.70	0.73
	MIST-20	323.514	< 0.001	0.870	0.854	0.060	0.067	0.86	0.88
Trustworthiness (7 pt)	MIST-8	48.697	< 0.001	0.904	0.858	0.075	0.058	0.71	0.74
	MIST-20	328.551	< 0.001	0.875	0.859	0.060	0.066	0.87	0.88
Real - Fake (6 pt)	MIST-8	30.8902	0.042	0.955	0.934	0.049	0.043	0.71	0.73
	MIST-20	274.959	< 0.001	0.911	0.899	0.050	0.058	0.87	0.88
Real - Fake (7 pt)	MIST-8	26.294	0.122	0.971	0.957	0.038	0.041	0.70	0.73
	MIST-20	239.458	< 0.001	0.939	0.932	0.040	0.053	0.87	0.88
Real - Fake (binary)	MIST-8	38.3859	0.005	0.938	0.908	0.058	0.045	0.72	0.75
	MIST-20	337.843	< 0.001	0.877	0.861	0.060	0.059	0.88	0.89

Table S11. Configural invariance models with robust fit measures for the confidence measure, by condition, for the MIST-8 and MIST-20. While configural invariance is reached, this is not the case for metric invariance (MIST-8: $\Delta\chi^2 = 69.81$, $p = .004$, MIST-20: $\Delta\chi^2 = 171.38$, $p = .004$).α = Cronbach's alpha, ω = McDonald's omega.

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Accuracy (6 pt)

Accuracy (6 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.79	0.64	0.33	0.50	-0.50
AOT	**0.51**	0.78	0.26	0.23	-0.31
CRT	**0.20**	**0.16**	0.46	0.50	-0.12
Numeracy	**0.31**	**0.14**	**0.24**	0.49	-0.33
Pol. Ideology	**-0.44**	**-0.28**	-0.08	**-0.23**	1.00

Trustworthiness (7 pt)

Trustworthiness (7 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.80	0.69	0.16	0.35	-0.46
AOT	**0.54**	0.77	0.20	0.32	-0.28
CRT	0.10	0.13	0.55	0.52	-0.02
Numeracy	**0.20**	**0.18**	**0.25**	0.43	-0.24
Pol. Ideology	**-0.41**	**-0.25**	-0.02	**-0.16**	1.00

Accuracy (7 pt)

Accuracy (7 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.80	0.69	0.21	0.51	-0.43
AOT	**0.54**	0.78	0.22	0.40	-0.34
CRT	**0.15**	**0.15**	0.61	0.60	0.00
Numeracy	**0.31**	**0.24**	**0.32**	0.47	-0.15
Pol. Ideology	**-0.39**	**-0.30**	0.00	**-0.10**	1.00

Real - Fake (6 pt)

Real - Fake (6 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.84	0.43	0.10	0.36	-0.38
AOT	**0.34**	0.78	0.26	0.36	-0.36
CRT	0.07	**0.17**	0.51	0.76	-0.15
Numeracy	**0.21**	**0.20**	**0.34**	0.39	-0.17
Pol. Ideology	**-0.35**	**-0.32**	-0.11	-0.11	1.00

Manipulativeness (7 pt)

Manipulativeness (7 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.77	0.64	0.09	0.49	-0.40
AOT	**0.50**	0.79	0.14	0.32	-0.33
CRT	0.06	0.10	0.64	0.56	-0.06
Numeracy	**0.28**	**0.19**	**0.29**	0.44	-0.20
Pol. Ideology	**-0.35**	**-0.30**	-0.05	**-0.13**	1.00

Real - Fake (7 pt)

Real - Fake (7 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.88	0.41	0.23	0.34	-0.29
AOT	**0.34**	0.76	0.34	0.51	-0.33
CRT	**0.17**	**0.24**	0.64	0.55	-0.09
Numeracy	**0.21**	**0.29**	**0.29**	0.43	-0.16
Pol. Ideology	**-0.27**	**-0.29**	-0.07	-0.10	1.00

Reliability (7 pt)

Reliability (7 pt)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.79	0.69	0.33	0.46	-0.45
AOT	**0.55**	0.79	0.37	0.56	-0.31
CRT	**0.23**	**0.26**	0.60	0.58	-0.06
Numeracy	**0.29**	**0.36**	**0.32**	0.50	-0.08
Pol. Ideology	**-0.40**	**-0.28**	-0.05	-0.06	1.00

Real - Fake (binary)

Real - Fake (binary)	VDA (MIST-20)	AOT	CRT	Numeracy	Pol. Ideology
VDA (MIST-20)	0.69	0.54	0.44	0.58	-0.34
AOT	**0.39**	0.77	0.11	0.34	-0.26
CRT	**0.28**	0.07	0.58	0.56	-0.16
Numeracy	**0.34**	**0.21**	**0.30**	0.50	-0.04
Pol. Ideology	**-0.28**	**-0.22**	**-0.12**	-0.03	1.00

Table S12. Pearson's correlations (green), Cronbach's alpha (blue), and disattenuated correlations (yellow) between MIST-20 Veracity Discernment Ability (VDA), actively open-minded thinking (AOT), cognitive reflection test performance (CRT), numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative"), per condition. Significant Pearson's correlations at $p < 0.05$ are marked in bold. See Table S13 for the z-tests comparing the correlation coefficients.

Condition	Correlation 1	r_1	Correlation 2	r_2	z	p
Accuracy (6 pt)	VDA (MIST-20) ~ AOT	0.51	VDA (MIST-20) ~ CRT	0.20	4.78	**< 0.001**
	VDA (MIST-20) ~ AOT	0.51	VDA (MIST-20) ~ Numeracy	0.31	3.11	**0.002**
	VDA (MIST-20) ~ AOT	0.51	VDA (MIST-20) ~ Pol. Ideol.	0.44	1.16	0.246
	VDA (MIST-20) ~ CRT	0.20	VDA (MIST-20) ~ Numeracy	0.31	-1.73	0.084
	VDA (MIST-20) ~CRT	0.20	VDA (MIST-20) ~ Pol. Ideol.	0.44	-3.55	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.31	VDA (MIST-20) ~ Pol. Ideol.	0.44	-2.14	**0.032**
Accuracy (7 pt)	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ CRT	0.15	6.17	**< 0.001**
	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ Numeracy	0.31	4.05	**< 0.001**
	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ Pol. Ideol.	0.39	2.87	**0.004**
	VDA (MIST-20) ~ CRT	0.15	VDA (MIST-20) ~ Numeracy	0.31	-2.58	**0.010**
	VDA (MIST-20) ~CRT	0.15	VDA (MIST-20) ~ Pol. Ideol.	0.39	-3.26	**0.001**
	VDA (MIST-20) ~ Numeracy	0.31	VDA (MIST-20) ~ Pol. Ideol.	0.39	-1.17	0.241
Manipulativeness (7 pt)	VDA (MIST-20) ~ AOT	0.50	VDA (MIST-20) ~ CRT	0.06	6.38	**< 0.001**
	VDA (MIST-20) ~ AOT	0.50	VDA (MIST-20) ~ Numeracy	0.28	3.44	**< 0.001**
	VDA (MIST-20) ~ AOT	0.50	VDA (MIST-20) ~ Pol. Ideol.	0.35	2.57	**0.010**
	VDA (MIST-20) ~ CRT	0.06	VDA (MIST-20) ~ Numeracy	0.28	-3.49	**< 0.001**
	VDA (MIST-20) ~CRT	0.06	VDA (MIST-20) ~ Pol. Ideol.	0.35	-3.96	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.28	VDA (MIST-20) ~ Pol. Ideol.	0.35	-0.99	0.322
Reliability (7 pt)	VDA (MIST-20) ~ AOT	0.55	VDA (MIST-20) ~ CRT	0.23	5.45	**< 0.001**
	VDA (MIST-20) ~ AOT	0.55	VDA (MIST-20) ~ Numeracy	0.29	4.76	**< 0.001**
	VDA (MIST-20) ~ AOT	0.55	VDA (MIST-20) ~ Pol. Ideol.	0.40	2.67	**0.008**
	VDA (MIST-20) ~ CRT	0.23	VDA (MIST-20) ~ Numeracy	0.29	-1.02	0.309
	VDA (MIST-20) ~CRT	0.23	VDA (MIST-20) ~ Pol. Ideol.	0.40	-2.49	**0.013**
	VDA (MIST-20) ~ Numeracy	0.29	VDA (MIST-20) ~ Pol. Ideol.	0.40	-1.63	0.103
Trustworthiness (7 pt)	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ CRT	0.10	6.67	**< 0.001**
	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ Numeracy	0.20	5.40	**< 0.001**
	VDA (MIST-20) ~ AOT	0.54	VDA (MIST-20) ~ Pol. Ideol.	0.41	2.40	**0.016**
	VDA (MIST-20) ~ CRT	0.10	VDA (MIST-20) ~ Numeracy	0.20	-1.52	0.129
	VDA (MIST-20) ~CRT	0.10	VDA (MIST-20) ~ Pol. Ideol.	0.41	-4.16	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.20	VDA (MIST-20) ~ Pol. Ideol.	0.41	-3.05	**0.002**
Real - Fake (6 pt)	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ CRT	0.07	3.92	**< 0.001**
	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ Numeracy	0.21	2.03	**0.042**
	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ Pol. Ideol.	0.35	-0.03	0.977
	VDA (MIST-20) ~ CRT	0.07	VDA (MIST-20) ~ Numeracy	0.21	-2.16	**0.031**
	VDA (MIST-20) ~CRT	0.07	VDA (MIST-20) ~ Pol. Ideol.	0.35	-3.82	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.21	VDA (MIST-20) ~ Pol. Ideol.	0.35	-1.95	0.051
Real - Fake (7 pt)	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ CRT	0.17	2.46	**0.014**
	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ Numeracy	0.21	2.01	**0.044**
	VDA (MIST-20) ~ AOT	0.34	VDA (MIST-20) ~ Pol. Ideol.	0.27	1.10	0.270
	VDA (MIST-20) ~ CRT	0.17	VDA (MIST-20) ~ Numeracy	0.21	-0.54	0.590
	VDA (MIST-20) ~CRT	0.17	VDA (MIST-20) ~ Pol. Ideol.	0.27	-1.27	0.205
	VDA (MIST-20) ~ Numeracy	0.21	VDA (MIST-20) ~ Pol. Ideol.	0.27	-0.80	0.422
Real - Fake (binary)	VDA (MIST-20) ~ AOT	0.39	VDA (MIST-20) ~ CRT	0.28	1.68	0.093
	VDA (MIST-20) ~ AOT	0.39	VDA (MIST-20) ~ Numeracy	0.34	0.83	0.406
	VDA (MIST-20) ~ AOT	0.39	VDA (MIST-20) ~ Pol. Ideol.	0.28	1.75	0.080
	VDA (MIST-20) ~ CRT	0.28	VDA (MIST-20) ~ Numeracy	0.34	-1.04	0.299
	VDA (MIST-20) ~CRT	0.28	VDA (MIST-20) ~ Pol. Ideol.	0.28	-0.07	0.943
	VDA (MIST-20) ~ Numeracy	0.34	VDA (MIST-20) ~ Pol. Ideol.	0.28	0.82	0.412

Table S13. Z-tests comparing correlation coefficients between MIST-20 Veracity Discernment Ability (VDA), AOT, CRT, numeracy and political ideology, by condition. This table corresponds to Table S12. Significantly different correlations at $p < 0.05$ are marked in bold. *Z*-scores were calculated using the method from Hittner, May, and Silver (2003), with the "cocor" package in R.

Scale	Correlation 1	r1	Correlation 2	r2	z	p
MIST-20	VDA (MIST-20) ~ AOT	0.43	VDA (MIST-20) ~ CRT	0.15	11.75	**< 0.001**
	VDA (MIST-20) ~ AOT	0.43	VDA (MIST-20) ~ Numeracy	0.25	7.86	**< 0.001**
	VDA (MIST-20) ~ AOT	0.43	VDA (MIST-20) ~ Pol. Ideology	0.34	4.39	**< 0.001**
	VDA (MIST-20) ~ AOT	0.43	VDA (MIST-20) ~ News consumption	0.14	11.63	**< 0.001**
	VDA (MIST-20) ~ AOT	0.43	VDA (MIST-20) ~ Reaction time	-0.03	18.17	**< 0.001**
	VDA (MIST-20) ~ CRT	0.15	VDA (MIST-20) ~ Numeracy	0.25	-4.56	**< 0.001**
	VDA (MIST-20) ~CRT	0.15	VDA (MIST-20) ~ Pol. Ideology	0.34	-7.23	**< 0.001**
	VDA (MIST-20) ~CRT	0.15	VDA (MIST-20) ~ News consumption	0.14	0.34	0.736
	VDA (MIST-20) ~CRT	0.15	VDA (MIST-20) ~ Reaction time	-0.03	6.66	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.25	VDA (MIST-20) ~ Pol. Ideology	0.34	-3.37	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.25	VDA (MIST-20) ~ News consumption	0.14	4.12	**< 0.001**
	VDA (MIST-20) ~ Numeracy	0.25	VDA (MIST-20) ~ Reaction time	-0.03	10.32	**< 0.001**
	VDA (MIST-20) ~ Pol. Ideology	0.34	VDA (MIST-20) ~ News consumption	0.14	7.72	**< 0.001**
	VDA (MIST-20) ~ Pol. Ideology	0.34	VDA (MIST-20) ~ Reaction time	-0.03	13.49	**< 0.001**
	VDA (MIST-20) ~ News consumption	0.14	VDA (MIST-20) ~ Reaction time	-0.03	6.36	**< 0.001**
MIST-8	VDA (MIST-8) ~ AOT	0.39	VDA (MIST-8) ~ CRT	0.15	10.43	**< 0.001**
	VDA (MIST-8) ~ AOT	0.39	VDA (MIST-8) ~ Numeracy	0.23	7.30	**< 0.001**
	VDA (MIST-8) ~ AOT	0.39	VDA (MIST-8) ~ Pol. Ideology	0.31	3.99	**< 0.001**
	VDA (MIST-8) ~ AOT	0.39	VDA (MIST-8) ~ News consumption	0.15	9.92	**< 0.001**
	VDA (MIST-8) ~ AOT	0.39	VDA (MIST-8) ~ Reaction time	-0.06	16.47	**< 0.001**
	VDA (MIST-8) ~ CRT	0.15	VDA (MIST-8) ~ Numeracy	0.23	-3.71	**< 0.001**
	VDA (MIST-8) ~CRT	0.15	VDA (MIST-8) ~ Pol. Ideology	0.31	-6.34	**< 0.001**
	VDA (MIST-8) ~CRT	0.15	VDA (MIST-8) ~ News consumption	0.15	-0.07	0.947
	VDA (MIST-8) ~CRT	0.15	VDA (MIST-8) ~ Reaction time	-0.06	6.27	**< 0.001**
	VDA (MIST-8) ~ Numeracy	0.23	VDA (MIST-8) ~ Pol. Ideology	0.31	-3.20	**0.001**
	VDA (MIST-8) ~ Numeracy	0.23	VDA (MIST-8) ~ News consumption	0.15	3.01	**0.003**
	VDA (MIST-8) ~ Numeracy	0.23	VDA (MIST-8) ~ Reaction time	-0.06	9.35	**< 0.001**
	VDA (MIST-8) ~ Pol. Ideology	0.31	VDA (MIST-8) ~ News consumption	0.15	6.37	**< 0.001**
	VDA (MIST-8) ~ Pol. Ideology	0.31	VDA (MIST-8) ~ Reaction time	-0.06	12.16	**< 0.001**
	VDA (MIST-8) ~ News consumption	0.15	VDA (MIST-8) ~ Reaction time	-0.06	6.42	**< 0.001**

Table S14. Z-tests comparing correlation coefficients between MIST-20 and MIST-8 Veracity Discernment Ability (VDA), AOT, CRT, numeracy, political ideology, news consumption, and reaction time of MIST headline ratings (log-transformed); this data corresponds to Table 1 in the main text. Data is pooled and not separated by condition. Significantly different correlations at $p < 0.05$ are marked in bold. Z-scores were calculated using the method from Hittner, May, and Silver (2003), with the "cocor" package in R.

	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
Predictors	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*
(Intercept)	0	-0.08 – 0.08	1	0	-0.08 – 0.08	1	0	-0.09 – 0.09	1	0	-0.08 – 0.08	1	0	-0.08 – 0.08	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1
AOT	0.33	0.24 – 0.41	**<0.001**	0.38	0.29 – 0.47	**<0.001**	0.33	0.23 – 0.42	**<0.001**	0.37	0.27 – 0.46	**<0.001**	0.36	0.27 – 0.45	**<0.001**	0.23	0.12 – 0.33	**<0.001**	0.23	0.12 – 0.35	**<0.001**	0.24	0.15 – 0.34	**<0.001**
CRT	0.06	-0.02 – 0.15	0.144	0.06	-0.03 – 0.15	0.203	-0.02	-0.11 – 0.08	0.736	0.08	-0.01 – 0.16	0.094	0.02	-0.06 – 0.10	0.645	-0.04	-0.15 – 0.06	0.425	0.1	-0.01 – 0.21	0.077	0.18	0.09 – 0.27	**<0.001**
Numeracy	0.14	0.06 – 0.23	**0.001**	0.17	0.08 – 0.26	**<0.001**	0.18	0.09 – 0.27	**<0.001**	0.08	-0.01 – 0.18	0.075	0.07	-0.01 – 0.16	0.096	0.12	0.02 – 0.23	**0.021**	0.09	-0.02 – 0.20	0.121	0.22	0.13 – 0.31	**<0.001**
Pol. Ideol.	-0.27	-0.36 – -0.18	**<0.001**	-0.22	-0.30 – -0.13	**<0.001**	-0.22	-0.31 – -0.13	**<0.001**	-0.25	-0.34 – -0.16	**<0.001**	-0.26	-0.34 – -0.17	**<0.001**	-0.25	-0.35 – -0.15	**<0.001**	-0.16	-0.27 – -0.06	**0.003**	-0.18	-0.26 – -0.09	**<0.001**
News cons.	0.1	0.01 – 0.18	**0.025**	0.11	0.02 – 0.19	**0.018**	0.02	-0.07 – 0.11	0.617	0	-0.09 – 0.08	0.937	0.12	0.03 – 0.20	**0.007**	0	-0.10 – 0.10	0.988	0	-0.10 – 0.11	0.928	0.13	0.04 – 0.22	**0.005**
Reaction time	-0.03	-0.11 – 0.06	0.513	-0.02	-0.11 – 0.06	0.583	0.02	-0.07 – 0.11	0.617	-0.05	-0.13 – 0.04	0.286	0.03	-0.06 – 0.11	0.527	0.1	0.01 – 0.20	**0.039**	-0.12	-0.23 – -0.02	**0.018**	-0.05	-0.14 – 0.04	0.293
Confidence	0.22	0.13 – 0.31	**<0.001**	0.16	0.07 – 0.25	**<0.001**	0.23	0.13 – 0.32	**<0.001**	0.22	0.13 – 0.31	**<0.001**	0.27	0.18 – 0.35	**<0.001**	0.23	0.13 – 0.33	**<0.001**	0.11	0.00 – 0.22	**0.044**	0.21	0.12 – 0.30	**<0.001**
Obs.	326			336			330			331			330			315			316			338		
R^2 / R^2 adj.	0.454 / 0.442			0.426 / 0.413			0.374 / 0.360			0.427 / 0.415			0.471 / 0.459			0.262 / 0.246			0.189 / 0.171			0.358 / 0.344		

Table S15. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance (CRT), numeracy test performance, political ideology (1-7, 1 being "very liberal" and 7 being "very conservative"), news consumption, reaction time of MIST headline ratings (log-transformed), and confidence in headline judgments, predicting **MIST-20** veracity discernment ability (VDA), per condition. Coefficients are standardised. Significant predictors are marked in bold.

Predictors	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
	β	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*
(Intercept)	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1
AOT	0.20	0.10 – 0.30	**<0.001**	0.34	0.24 – 0.43	**<0.001**	0.33	0.23 – 0.44	**<0.001**	0.34	0.24 – 0.44	**<0.001**	0.29	0.20 – 0.39	**<0.001**	0.26	0.15 – 0.36	**<0.001**	0.21	0.10 – 0.33	**<0.001**	0.19	0.10 – 0.29	**<0.001**
CRT	0.08	-0.02 – 0.17	0.1	0.07	-0.02 – 0.17	0.121	-0.01	-0.11 – 0.09	0.81	0.07	-0.02 – 0.17	0.122	-0.02	-0.11 – 0.07	0.709	-0.02	-0.13 – 0.09	0.703	0.1	-0.01 – 0.21	0.069	0.19	0.09 – 0.28	**<0.001**
Numeracy	0.12	0.02 – 0.21	**0.018**	0.12	0.03 – 0.22	**0.012**	0.14	0.05 – 0.24	**0.004**	0.08	-0.01 – 0.18	0.094	0.07	-0.03 – 0.16	0.155	0.09	-0.02 – 0.19	0.119	0.11	-0.00 – 0.22	0.058	0.17	0.07 – 0.27	**0.001**
Pol. Ideol.	-0.28	-0.37 – -0.18	**<0.001**	-0.19	-0.28 – -0.09	**<0.001**	-0.12	-0.22 – -0.03	**0.012**	-0.23	-0.32 – -0.13	**<0.001**	-0.27	-0.36 – -0.18	**<0.001**	-0.24	-0.34 – -0.13	**<0.001**	-0.15	-0.26 – -0.04	**0.007**	-0.14	-0.24 – -0.05	**0.004**
News cons.	0.06	-0.03 – 0.16	0.169	0.13	0.03 – 0.22	**0.008**	0.03	-0.06 – 0.13	0.485	-0.01	-0.10 – 0.08	0.861	0.14	0.05 – 0.23	**0.003**	0.01	-0.09 – 0.12	0.812	0.04	-0.07 – 0.14	0.468	0.15	0.05 – 0.24	**0.003**
Reaction time	-0.03	-0.12 – 0.07	0.579	-0.04	-0.13 – 0.04	0.328	0.02	-0.08 – 0.11	0.72	-0.04	-0.13 – 0.05	0.386	0.01	-0.08 – 0.10	0.79	0.08	-0.02 – 0.18	0.109	-0.07	-0.17 – 0.04	0.197	-0.01	-0.11 – 0.08	0.814
Confidence	0.24	0.14 – 0.34	**<0.001**	0.15	0.06 – 0.24	**0.002**	0.22	0.13 – 0.32	**<0.001**	0.18	0.09 – 0.28	**<0.001**	0.23	0.14 – 0.33	**<0.001**	0.19	0.08 – 0.29	**0.001**	0.13	0.03 – 0.24	**0.016**	0.21	0.11 – 0.30	**<0.001**
Obs.	326			336			330			331			330			315			316			338		
R² / R² adj.	0.337 / 0.323			0.335 / 0.321			0.309 / 0.294			0.355 / 0.341			0.382 / 0.368			0.240 / 0.223			0.187 / 0.168			0.274 / 0.259		

Table S16. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance (CRT), numeracy test performance, political ideology (1-7, 1 being "very liberal" and 7 being "very conservative"), news consumption, reaction time of MIST headline ratings (log-transformed), and confidence in headline judgments, predicting **MIST-8** veracity discernment ability (VDA), per condition. Coefficients are standardised. Significant predictors are marked in bold.

	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
Predictors	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p
(Intercept)	0	-0.09 – 0.09	1	0	-0.08 – 0.08	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1
AOT	**0.39**	0.30 – 0.48	<0.001	**0.42**	0.33 – 0.52	<0.001	**0.40**	0.31 – 0.50	<0.001	**0.42**	0.32 – 0.51	<0.001	**0.46**	0.37 – 0.55	<0.001	**0.24**	0.13 – 0.35	<0.001	**0.24**	0.12 – 0.35	<0.001	**0.29**	0.19 – 0.38	<0.001
CRT	0.07	-0.01 – 0.16	0.101	0.03	-0.06 – 0.12	0.510	-0.10	-0.14 – 0.05	0.326	0.07	-0.02 – 0.16	0.117	0.02	-0.07 – 0.11	0.656	-0.10	-0.16 – 0.06	0.365	0.08	-0.03 – 0.18	0.166	**0.16**	0.07 – 0.26	0.001
Numeracy	**0.17**	0.08 – 0.26	<0.001	**0.17**	0.08 – 0.26	<0.001	**0.19**	0.10 – 0.29	<0.001	**0.10**	0.01 – 0.20	0.036	0.07	-0.02 – 0.16	0.12	**0.15**	0.04 – 0.26	0.007	**0.10**	-0.01 – 0.21	0.077	**0.22**	0.13 – 0.32	<0.001
Pol. Ideol.	**-0.30**	-0.38 – -0.20	<0.001	**-0.20**	-0.33 – -0.15	<0.001	**-0.20**	-0.30 – -0.11	<0.001	**-0.30**	-0.36 – -0.19	<0.001	**-0.30**	-0.37 – -0.19	<0.001	**-0.30**	-0.36 – -0.15	<0.001	**-0.20**	-0.29 – -0.08	0.001	**-0.20**	-0.28 – -0.09	<0.001
Obs.	326			336			330			331			330			315			316			338		
R² / R² adj.	0.394 / 0.387			0.381 / 0.373			0.325 / 0.317			0.384 / 0.376			0.378 / 0.370			0.200 / 0.190			0.163 / 0.152			0.286 / 0.277		

Table S17. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance (CRT), numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST-20 veracity discernment ability (VDA) per condition. Coefficients are standardised. Significant predictors are marked in bold.

	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
Predictors	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*	*β*	*95% CI*	*p*
(Intercept)	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1
AOT	**0.27**	0.18 – 0.37	<0.001	**0.37**	0.27 – 0.47	<0.001	**0.41**	0.31 – 0.51	<0.001	**0.39**	0.29 – 0.49	<0.001	**0.37**	0.28 – 0.47	<0.001	**0.27**	0.16 – 0.38	<0.001	**0.23**	0.12 – 0.34	<0.001	**0.24**	0.14 – 0.34	<0.001
CRT	0.09	-0.01 – 0.19	0.065	0.05	-0.05 – 0.15	0.305	-0.04	-0.14 – 0.06	0.462	0.07	-0.02 – 0.17	0.141	-0.02	-0.12 – 0.07	0.628	-0.02	-0.13 – 0.08	0.65	0.07	-0.03 – 0.18	0.175	**0.17**	0.07 – 0.27	0.001
Numeracy	**0.15**	0.05 – 0.24	0.004	**0.12**	0.02 – 0.22	0.018	**0.16**	0.06 – 0.26	0.002	**0.09**	-0.01 – 0.19	0.069	0.06	-0.03 – 0.16	0.204	**0.11**	0.00 – 0.22	0.049	**0.12**	0.01 – 0.23	0.035	**0.16**	0.06 – 0.26	0.002
Pol. Ideol.	**-0.28**	-0.38 – -0.18	<0.001	**-0.22**	-0.31 – -0.12	<0.001	**-0.12**	-0.22 – -0.02	0.02	**-0.24**	-0.34 – -0.15	<0.001	**-0.3**	-0.39 – -0.20	<0.001	**-0.24**	-0.35 – -0.14	<0.001	**-0.18**	-0.28 – -0.07	0.001	**-0.15**	-0.25 – -0.05	0.004
Obs.		326			336			330			331			330			315			316			338	
R^2 / R^2 adj.		0.276 / 0.267			0.287 / 0.278			0.260 / 0.251			0.323 / 0.315			0.298 / 0.290			0.197 / 0.186			0.162 / 0.151			0.198 / 0.188	

Table S18. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance/analytical thinking (CRT), numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST-8 Veracity Discernment Ability, per condition. Coefficients are standardised. Significant predictors are marked in bold.

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Predictors	Accuracy (6 pt) β	95% CI	p	Accuracy (7 pt) β	95% CI	p	Manipulativeness (7 pt) β	95% CI	p	Reliability (7 pt) β	95% CI	p	Trustworthiness (7 pt) β	95% CI	p	Real - Fake (6 pt) β	95% CI	p	Real - Fake (7 pt) β	95% CI	p	Real - Fake (binary) β	95% CI	p
(Intercept)	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.11 – 0.11	1	0	-0.10 – 0.10	1
AOT	**0.26**	0.16 – 0.36	<0.001	**0.3**	0.20 – 0.40	<0.001	**0.27**	0.16 – 0.37	<0.001	**0.27**	0.16 – 0.37	<0.001	**0.39**	0.29 – 0.49	<0.001	**0.22**	0.11 – 0.33	<0.001	**0.22**	0.10 – 0.34	<0.001	**0.29**	0.19 – 0.39	<0.001
CRT	0.05	-0.05 – 0.15	0.327	**0.13**	0.03 – 0.23	0.009	-0.04	-0.15 – 0.06	0.409	0.05	-0.05 – 0.15	0.367	-0.01	-0.11 – 0.09	0.908	-0.02	-0.13 – 0.08	0.659	0.08	-0.03 – 0.19	0.154	**0.14**	0.04 – 0.24	0.009
Numeracy	0.1	-0.00 – 0.20	0.054	**0.13**	0.03 – 0.23	0.012	**0.12**	0.01 – 0.23	0.03	**0.13**	0.03 – 0.24	0.012	-0.01	-0.12 – 0.09	0.774	**0.11**	-0.00 – 0.22	0.05	0.02	-0.10 – 0.13	0.779	**0.12**	0.01 – 0.22	0.03
Pol. Ideol.	**-0.29**	-0.39 – -0.18	<0.001	**-0.22**	-0.32 – -0.13	<0.001	**-0.16**	-0.26 – -0.05	0.004	**-0.27**	-0.37 – -0.17	<0.001	**-0.19**	-0.29 – -0.09	<0.001	**-0.27**	-0.38 – -0.16	<0.001	-0.11	-0.22 – 0.00	0.057	**-0.15**	-0.25 – -0.05	0.003
Obs.	326			336			330			331			330			315			316			338		
R² / R² adj.	0.233 / 0.223			0.266 / 0.257			0.146 / 0.136			0.246 / 0.237			0.221 / 0.212			0.181 / 0.171			0.093 / 0.082			0.196 / 0.186		

Table S19. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance/analytical thinking (CRT),

numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST-20 Fake News

Score (FNS), per condition. Coefficients are standardised. Significant predictors are marked in bold.

Predictors	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p
(Intercept)	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1	0	-0.11 – 0.11	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1
AOT	**0.34**	0.23 – 0.44	<0.001	**0.36**	0.26 – 0.46	<0.001	**0.32**	0.21 – 0.42	<0.001	**0.35**	0.24 – 0.47	<0.001	**0.3**	0.20 – 0.40	<0.001	**0.18**	0.07 – 0.30	0.002	**0.19**	0.08 – 0.30	0.001	**0.15**	0.04 – 0.25	0.005
CRT	0.06	-0.04 – 0.16	0.215	**-0.14**	-0.24 – -0.04	0.008	-0.03	-0.13 – 0.08	0.627	0.06	-0.04 – 0.17	0.242	0.04	-0.06 – 0.14	0.416	-0.07	-0.18 – 0.05	0.255	0.05	-0.06 – 0.16	0.378	**0.12**	0.01 – 0.22	0.028
Numeracy	**0.16**	0.06 – 0.27	0.002	**0.13**	0.03 – 0.24	0.011	**0.16**	0.05 – 0.26	0.003	-0.01	-0.12 – 0.10	0.844	**0.14**	0.04 – 0.24	0.007	**0.15**	0.03 – 0.26	0.011	**0.16**	0.05 – 0.27	0.004	**0.25**	0.14 – 0.35	<0.001
Pol. Ideol.	**-0.13**	-0.23 – -0.02	0.016	**-0.13**	-0.23 – -0.03	0.012	**-0.15**	-0.25 – -0.04	0.005	-0.1	-0.21 – 0.00	0.051	**-0.25**	-0.34 – -0.15	<0.001	**-0.15**	-0.26 – -0.04	0.01	**-0.21**	-0.32 – -0.11	<0.001	**-0.14**	-0.24 – -0.04	0.008
Obs.	326			336			330			331			330			315			316			338		
R^2 / R^2 adj.	0.222 / 0.213			0.212 / 0.202			0.194 / 0.184			0.170 / 0.160			0.242 / 0.232			0.102 / 0.091			0.168 / 0.157			0.165 / 0.155		

Table S20. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance/analytical thinking (CRT),

numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST-20 Real News

Score (RNS), per condition. Coefficients are standardised. Significant predictors are marked in bold.

Predictors	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p
(Intercept)	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1
CRT	0.12	0.02 – 0.22	**0.014**	0.07	-0.03 – 0.17	0.17	-0.03	-0.13 – 0.07	0.57	0.14	0.04 – 0.24	**0.007**	0.06	-0.04 – 0.17	0.214	-0.03	-0.14 – 0.08	0.614	0.11	0.00 – 0.22	**0.043**	0.16	0.06 – 0.26	**0.002**
Numeracy	0.19	0.09 – 0.29	**<0.001**	0.25	0.15 – 0.35	**<0.001**	0.25	0.15 – 0.35	**<0.001**	0.22	0.12 – 0.32	**<0.001**	0.13	0.02 – 0.23	**0.016**	0.18	0.07 – 0.29	**0.001**	0.15	0.04 – 0.26	**0.007**	0.28	0.18 – 0.38	**<0.001**
Pol. Ideol.	-0.39	-0.49 – -0.29	**<0.001**	-0.36	-0.46 – -0.27	**<0.001**	-0.32	-0.42 – -0.22	**<0.001**	-0.38	-0.48 – -0.29	**<0.001**	-0.39	-0.48 – -0.29	**<0.001**	-0.33	-0.43 – -0.23	**<0.001**	-0.24	-0.35 – -0.14	**<0.001**	-0.25	-0.35 – -0.16	**<0.001**
Obs.	326			336			330			331			330			315			316			338		
R^2 / R^2 adj.	0.256 / 0.249			0.227 / 0.220			0.181 / 0.174			0.248 / 0.241			0.189 / 0.182			0.150 / 0.141			0.116 / 0.108			0.210 / 0.203		

Table S21. Linear regression models with cognitive reflection test performance/analytical thinking (CRT), numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST-20 Veracity Discernment Ability, per condition. Note that actively open-minded thinking (AOT) is excluded here. Coefficients are standardised. Significant predictors are marked in bold.

	Accuracy (6 pt)			Accuracy (7 pt)			Manipulativeness (7 pt)			Reliability (7 pt)			Trustworthiness (7 pt)			Real - Fake (6 pt)			Real - Fake (7 pt)			Real - Fake (binary)		
Predictors	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p	β	95% CI	p
(Intercept)	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.09 – 0.09	1	0	-0.10 – 0.10	1	0	-0.10 – 0.10	1	0	-0.09 – 0.09	1
AOT	0.41	0.32 – 0.51	**<0.001**	0.43	0.34 – 0.53	**<0.001**	0.4	0.30 – 0.49	**<0.001**	0.45	0.35 – 0.55	**<0.001**	0.46	0.36 – 0.55	**<0.001**	0.25	0.14 – 0.35	**<0.001**	0.24	0.13 – 0.35	**<0.001**	0.26	0.16 – 0.36	**<0.001**
CRT	0.07	-0.02 – 0.16	0.111	-0.01	-0.10 – 0.08	0.822	-0.05	-0.15 – 0.04	0.294	0.08	-0.01 – 0.17	0.098	-0.01	-0.10 – 0.08	0.830	-0.05	-0.16 – 0.05	0.329	0.07	-0.04 – 0.18	0.22	0.16	0.06 – 0.25	**0.002**
Numeracy	0.19	0.10 – 0.29	**<0.001**	0.17	0.08 – 0.26	**<0.001**	0.18	0.09 – 0.28	**<0.001**	0.08	-0.01 – 0.18	0.093	0.08	-0.01 – 0.17	0.096	0.14	0.03 – 0.25	**0.013**	0.12	0.01 – 0.23	**0.027**	0.24	0.15 – 0.34	**<0.001**
Pol. Ideol.	-0.23	-0.32 – -0.14	**<0.001**	-0.2	-0.29 – -0.11	**<0.001**	-0.19	-0.28 – -0.09	**<0.001**	-0.21	-0.30 – -0.11	**<0.001**	-0.25	-0.34 – -0.15	**<0.001**	-0.22	-0.33 – -0.11	**<0.001**	-0.17	-0.27 – -0.06	**0.002**	-0.17	-0.27 – -0.08	**<0.001**
Obs.	326			336			330			331			330			315			316			338		
R² / R² adj.	0.381 / 0.374			0.346 / 0.338			0.299 / 0.291			0.361 / 0.353			0.348 / 0.340			0.174 / 0.163			0.162 / 0.151			0.267 / 0.258		

Table S22. Linear regression models with actively open-minded thinking (AOT), cognitive reflection test performance/analytical thinking (CRT), numeracy test performance, and political ideology (1-7, 1 being "very liberal" and 7 being "very conservative") predicting MIST Veracity Discernment Ability, but with the 3 most partisan false MIST headlines excluded (F4, F5 and F10; see Table S2), per condition. Coefficients are standardised. Significant predictors are marked in bold.

	Accuracy (6 pt)	Accuracy (7 pt)	Manipulativeness (7 pt)	Reliability (7 pt)	Trustworthiness (7 pt)	Real - Fake (6 pt)	Real - Fake (7 pt)	Real - Fake (binary)
AOT	1.108	1.169	1.127	1.273	1.100	1.156	1.212	1.101
CRT	1.076	1.126	1.097	1.145	1.079	1.145	1.120	1.116
Numeracy	1.116	1.168	1.134	1.225	1.112	1.157	1.157	1.147
Political ideology	1.129	1.104	1.102	1.087	1.083	1.117	1.091	1.069

Table S23. Variance inflation factors (VIF) for AOT, CRT, numeracy, and political ideology, by condition. A variance inflation factor of 1

indicates no multicollinearity between variables.

Condition	Pearson's r	Spearman's r
Accuracy (6 pt)	0.91	0.89
Accuracy (7 pt)	0.92	0.89
Manipulativeness (7 pt)	0.89	0.86
Reliability (7 pt)	0.91	0.88
Trustworthiness (7 pt)	0.88	0.86
Real - Fake (6 pt)	0.95	0.91
Real - Fake (7 pt)	0.96	0.93
Real - Fake (Binary)	1.00	1.00

Table S24. Pearson's and Spearman correlations between MIST-20 Veracity Discernment

Ability (VDA) and the Area Under the receiver operator Curve (AUC). See also Figure S6.

Democrats	VDA (MIST-20)	AOT	CRT	Numeracy	Political ideology	News consumption	Confidence
VDA (MIST-20)	0.82	0.55	0.23	0.43	-0.34	0.12	0.42
AOT	**0.44**	0.78	0.26	0.42	-0.24	0.06	0.34
CRT	**0.16**	**0.18**	0.61	0.54	-0.12	-0.07	0.03
Numeracy	**0.27**	**0.26**	**0.30**	0.50	-0.19	-0.03	0.22
Political ideology	**-0.31**	**-0.21**	**-0.09**	**-0.13**	-	-0.07	-0.19
News consumption	**0.11**	0.05	**-0.06**	-0.02	**-0.07**	-	0.26
Confidence	**0.36**	**0.28**	0.02	**0.15**	**-0.17**	**0.24**	0.87

Republicans	VDA (MIST-20)	AOT	CRT	Numeracy	Political ideology	News consumption	Confidence
VDA (MIST-20)	0.74	0.45	0.32	0.50	0.07	0.04	0.21
AOT	**0.34**	0.75	0.27	0.23	-0.04	0.06	0.11
CRT	**0.21**	**0.18**	0.58	0.69	0.02	-0.16	0.03
Numeracy	**0.30**	**0.14**	**0.37**	0.49	-0.02	-0.20	0.07
Political ideology	0.06	-0.04	0.02	-0.01	-	0.06	0.12
News consumption	0.04	0.05	**-0.12**	**-0.14**	0.06	-	0.23
Confidence	**0.17**	0.09	0.02	0.04	**0.11**	**0.21**	0.88

Table S25. Pearson's correlations (green), Cronbach's alpha (blue), and disattenuated correlations (yellow) between MIST-20 Veracity Discernment Ability (VDA), actively open-minded thinking (AOT), cognitive reflection test performance (CRT), numeracy test performance, political ideology (1-7, 1 being "very liberal" and 7 being "very conservative"), news consumption, and confidence in these judgments. The table shows the results for all 8 conditions pooled together, separately for Democrats and Republicans. Significant Pearson's correlations at $p < 0.05$ are marked in bold.