

Supplementary Material

ST1: Descriptive statistics of sample 2 presented for males and females separately

	Gender	N	Missing	Mean	Median	SD	Range	Minimum	Maximum	Skewness		Kurtosis	
										Skewness	SE	Kurtosis	SE
GAAIS+	Male	192	0	39.09	41.00	9.450	48.0	12.00	60.0	-0.5297	0.175	0.1940	0.349
	Female	194	0	37.12	38.00	8.967	48.0	12.00	60.0	-0.4142	0.175	0.5013	0.347
GAAIS-	Male	192	0	23.67	23.00	6.848	32.0	8.00	40.0	0.1042	0.175	-0.5456	0.349
	Female	194	0	24.64	25.00	5.815	31.0	8.00	39.0	-0.1506	0.175	0.2694	0.347
ATAI+	Male	192	0	6.03	6.00	1.874	8	2	10	-0.3130	0.175	-0.3462	0.349
	Female	194	0	5.64	6.00	1.692	8	2	10	-0.1154	0.175	-0.0239	0.347
ATAI-	Male	192	0	8.08	8.00	2.880	12	3	15	0.2745	0.175	-0.5629	0.349
	Female	194	0	8.86	9.00	2.575	12	3	15	-0.2308	0.175	-0.0140	0.347
Single item+	Male	192	0	3.18	3.00	1.180	4	1	5	-0.3296	0.175	-0.7903	0.349
	Female	194	0	2.97	3.00	0.984	4	1	5	-0.2448	0.175	-0.4379	0.347
Single item-	Male	192	0	2.75	3.00	1.266	4	1	5	0.2466	0.175	-0.9828	0.349
	Female	194	0	2.91	3.00	1.066	4	1	5	0.0727	0.175	-0.6640	0.347

GAAIS: General Attitudes towards AI Scale, ATAI: Attitudes toward AI Scale

ST2: Independent Samples T-Test investigating differences between male and females in attitude toward AI in sample 2

		Statistic	df	p	Mean difference	SE difference		Effect Size
GAAIS+	Student's t	2.11	384	0.036	1.975	0.938	Cohen's d	0.214
GAAIS-	Student's t	-1.50 ^a	384	0.135	-0.967	0.646	Cohen's d	-0.152
ATAI+	Student's t	2.10	384	0.036	0.382	0.182	Cohen's d	0.214
ATAI-	Student's t	-2.80 ^a	384	0.005	-0.777	0.278	Cohen's d	-0.285
Single item+	Student's t	1.83 ^a	384	0.067	0.203	0.111	Cohen's d	0.187
Single item-	Student's t	-1.36 ^a	384	0.174	-0.162	0.119	Cohen's d	-0.139

^a Levene's test is significant ($p < .05$), suggesting a violation of the assumption of equal variances; GAAIS: General Attitudes towards AI Scale, ATAI: Attitudes toward AI Scale

Table ST3: Pearson and Spearman correlations for the attitude towards AI measures (German speaking sample 2; only participants knowing ChatGPT)

		GAAIS+	GAAIS-	ATAI+	ATAI-	Single item+	Single item-
GAAIS+	Pearson's r	—					
	p-value	—					
	N	—					
GAAIS-	Pearson's r	-0.483	—				
	p-value	< .001	—				
	N	157	—				
ATAI+	Pearson's r	0.758	-0.606	—			
	p-value	< .001	< .001	—			
	N	157	157	—			
ATAI-	Pearson's r	-0.468	0.734	-0.570	—		
	p-value	< .001	< .001	< .001	—		
	N	157	157	157	—		
Single item+	Pearson's r	0.768	-0.595	0.790	-0.512	—	
	p-value	< .001	< .001	< .001	< .001	—	
	N	157	157	157	157	—	
Single item-	Pearson's r	-0.624	0.671	-0.695	0.634	-0.769	—
	p-value	< .001	< .001	< .001	< .001	< .001	—
	N	157	157	157	157	157	—

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Table ST4: Pearson and Spearman correlations for the attitude towards AI measures (German speaking sample 2; only participants *not* knowing ChatGPT)

		GAAIS+	GAAIS-	ATAI+	ATAI-	Single item +	Single item -
GAAIS+	Pearson's r	—					
	p-value	—					
	N	—					
GAAIS-	Pearson's r	-0.577	—				
	p-value	< .001	—				
	N	229	—				
ATAI+	Pearson's r	0.761	-0.683	—			
	p-value	< .001	< .001	—			
	N	229	229	—			
ATAI-	Pearson's r	-0.507	0.794	-0.621	—		
	p-value	< .001	< .001	< .001	—		
	N	229	229	229	—		
Single item +	Pearson's r	0.747	-0.679	0.815	-0.598	—	
	p-value	< .001	< .001	< .001	< .001	—	
	N	229	229	229	229	—	
Single item -	Pearson's r	-0.621	0.723	-0.709	0.717	-0.736	—
	p-value	< .001	< .001	< .001	< .001	< .001	—
	N	229	229	229	229	229	—

GAAIS: General Attitudes towards AI Scale, ATAI: Attitudes toward AI Scale