

Metric	p value	LIME emmean	SHAP Waterfall emmean	SHAP Force emmean	ELI5 emmean	Ceteris Paribus emmean	Anchors emmean
Perceived Bias	0.004	14.2	12.6	15	13.9	10.5	11.9
Trust	0.03	50.2	52	45.8	51.4	58.3	53.9
Comprehension	<0.001	41.2	39.7	38.7	36.3	23.9	23
Comprehension C1	0.002	7.73	7.58	7.28	7.01	7.21	6.91
Comprehension C2	<0.001	5.7	5.53	5.68	4.13	2.69	4.08
Comprehension C3	<0.001	27.8	26.6	25.7	25.2	14	12
Correlations	p value	Pearson's r					
Comprehension vs. Perceived Comp	<0.001	0.33					
Comprehension vs. Trust	<0.001	-0.28					
Effect of	p value	Cohen's d					
Behavioral Alignment on Trust	<0.001	1.26					
Behavioral Alignment on Bias Percep.	<0.001	-0.98					
Linear Fits	p value	Sum Sq					
Comprehension to predict Bias Percep.	<0.001	3577.3					
Bias Perception to predict Trust	<0.001	122260					
Mediation model	p value	Estimated coefficient b					
Comprehension predicts Bias Perception	<0.001	0.27					
Bias Perception predicts Trust	<0.001	-2.35					
Comprehension predicts Trust	0.49	0.05					