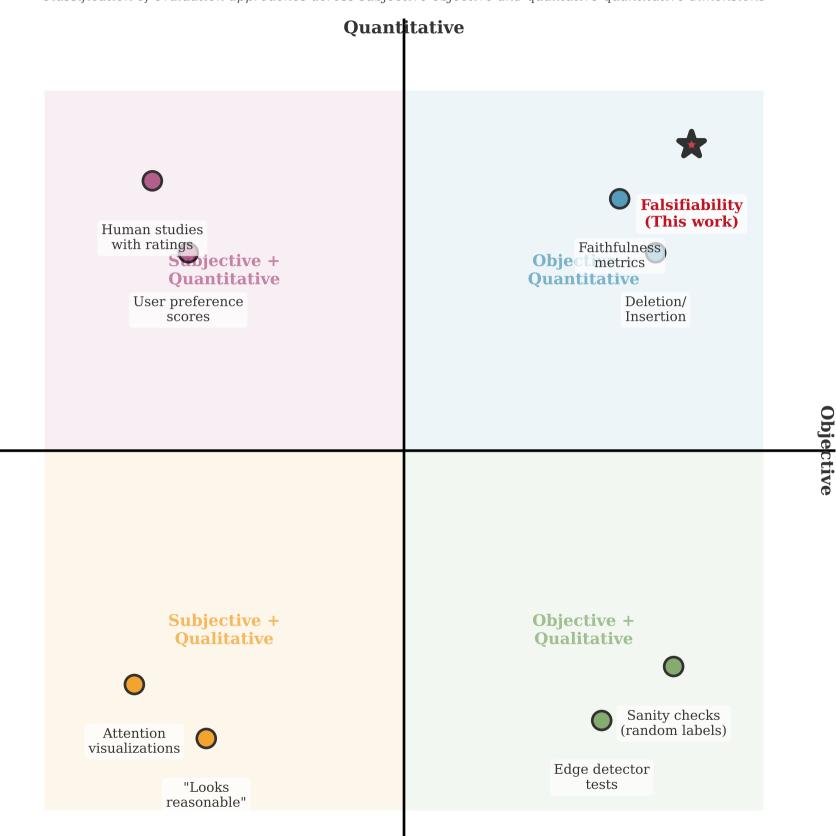# XAI Evaluation Landscape: Positioning Falsifiability

Classification of evaluation approaches across subjective-objective and qualitative-quantitative dimensions

Quantitative

Subjective

Objective

Qualitative

Subjective + Quantitative

Human studies with ratings

User preference scores

Objective Quantitative

Falsifiability (This work)

Faithfulness metrics

Deletion/ Insertion

Subjective + Qualitative

Attention visualizations

"Looks reasonable"

Objective + Qualitative

Sanity checks (random labels)

Edge detector tests