

### **Master's Thesis: Replication Study on Trust in Artificial Intelligence (AI) (Laboratory Experiment)**

This Master's thesis aims to revisit and replicate a previous laboratory experiment on trust in AI in order to explore the robustness of the findings and potential developments of trust in AI over time. The student will conduct a lab experiment and analyze the data within the scope of the thesis. Close supervision and adequate resource support will be provided throughout the project. The experiment will be conducted in German, while the thesis can be written in either German or English.

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### **Master's Thesis: Systematic Literature Review on Trust in AI-Supported Decision-Making**

AI-supported decision-making tools have developed rapidly in recent years. However, existing empirical studies show inconclusive results regarding trust and adoption, both in general contexts and in specific domains such as agriculture. This Master's thesis aims to conduct a systematic literature review to identify and structure the key factors that may explain these divergent findings. The review may serve as a basis for developing a conceptual framework, deriving research gaps, and formulating propositions or hypotheses for future empirical testing (e.g., experiments or survey-based studies). The thesis can be written in either English or German.

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