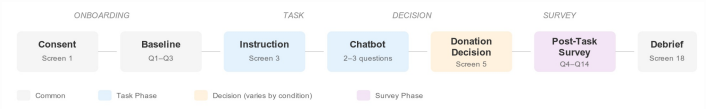# Appendix B: Survey Instrument

Appendix B: Survey Instrument

B.1 Survey Flow

Survey Flow Diagram

Phases: Consent → Baseline (Q1-Q3) → Instruction → Chatbot Task → Donation Decision → Post-Task Survey (Q4-Q14) → Debrief

B.2 Survey Questions

Baseline Measures (Q1-Q3)

#	Construct	Question	Scale
Q1	Tech Comfort (COV)	"I am comfortable using new digital technology (like AI chatbots, new apps, or online tools)."	6-point Likert (1=Strongly disagree, 6=Strongly agree)
Q2	Privacy Concern (COV)	"In general, I am concerned about how my personal information is used online."	6-point Likert (1=Strongly disagree, 6=Strongly agree)
Q3	Ballot Familiarity (COV)	"How familiar are you with Swiss ballot initiatives?"	6-point scale (1=Not at all familiar, 6=Very familiar)

Post-Task Measures (Q4-Q14)

#	Construct	Tag	Question	Scale
Q4a	Perceived Transparency	MC-T	"The information about how my anonymized chat questions may be used was clear."	6-point Likert
Q4b	Perceived Transparency	MC-T	"I understood what would happen to my anonymized chat questions if I agreed to share them."	6-point Likert
Q5a	Perceived Control	MC-C	"I felt I had control over how my anonymized chat questions could be used."	6-point Likert
Q5b	Perceived Control	MC-C	"I felt I had meaningful choices about sharing my anonymized chat questions."	6-point Likert
Q6a	Risk Perception	OUT-RISK	"Even if anonymized, my chat questions could be traced back to me."	6-point Likert
Q6b	Risk Perception	OUT-RISK	"My anonymized chat questions could be used in ways I would not agree with."	6-point Likert
Q7	Trust	OUT-TRUST	"I trust the system behind this chatbot to handle anonymized"	6-point Likert

#	Construct	Tag	Question	Scale
Q8	Attention Check	ATT	"This chatbot helps people with questions about:"	Multiple choice: Swiss ballot initiatives / Swiss tax questions / Swiss immigration rules / I don't remember
Q9	Age	DEMO	"What is your age?"	Categories: 18-24 / 25-34 / 35-44 / 45-54 / 55-64 / 65+ / Prefer not to say
Q10	Gender	DEMO	"What is your gender?"	Categories: Female / Male / Non-binary / Other / Prefer not to say
Q11	Primary Language	DEMO	"What is your primary language?"	Categories: English / French / German/Swiss German / Italian / Romansh / Other
Q12	Education	DEMO	"What is your highest level of education?"	Categories: Mandatory schooling / Matura / Vocational training / Higher vocational / University of Applied Sciences / University
Q13	Voting Eligibility	DEMO	"Are you eligible to vote in Swiss federal elections?"	Categories: Eligible / Not eligible / Not sure
Q14	Open Feedback	QUAL	"What mattered most for your data donation decision?"	Open text (optional, max 500 chars)

Construct Tags

Tag	Construct	Purpose
COV	Covariate	Baseline control variables
MC-T	Manipulation Check - Transparency	Tests H1 manipulation effectiveness
MC-C	Manipulation Check - Control	Tests H2 manipulation effectiveness
OUT-RISK	Outcome - Risk Perception	H3 interaction mechanism
OUT-TRUST	Outcome - Trust	Supporting construct
ATT	Attention Check	Data quality screening
DEMO	Demographics	Sample description
QUAL	Qualitative	Open-ended insight

B.3 Experimental Manipulations

See Survey Navigator for condition-specific elements: - **Condition A (T0/C0):** Generic text + binary donation choice - **Condition B (T1/C0):** Data Nutrition Label + binary donation choice - **Condition C (T0/C1):** Generic text + privacy dashboard - **Condition D (T1/C1):** Data Nutrition Label + privacy dashboard

Interactive reference: https://chat-study.ailights.org/?debug=survey&key=apertus