

Assurance Targets

Assurances

Dispositional

Faith in Autonomy -- User assumes they can typically trust an autonomous system

Trusting Stance -- Decision to trust based on utility (even if there is evidence not to)

Institutional

Structural Assurance -- User assumes that “protective structures” such as contracts, and regulations are in place and are conducive to success in a given situation.

Situational Normality -- User believes that the situation is normal, favorable, or conducive to success

Belief

Benevolence/Integrity -- User believes that the autonomy will act in their interest, is not deceptive, and fulfills commitments

Competence -- User believes that the autonomous system has the ability or power to do what is needed

Predictability -- User believes that the actions of the autonomy are consistent enough that they can be forecast in a given situation.

Intention

Willingness to Depend -- User is prepared to make themselves vulnerable to the autonomy by relying on it

Subjective probability of depending -- The extent to which the user predicts they will depend on the autonomy