

Bagheri et al. (2021) Framework Component	NSIR (Sadownik, 2025) Metric Application
Facial Emotion Recognition	Item 5: Tests the user's belief in the robot's emotional "attunement."
Reinforcement Learning (Action Selection)	Item 8: Validates if the learned behaviors result in predictable, "reliable" social interaction.
Expressing Social Norms (Empathy)	Factor 1 (Kinship): Measures if the empathy creates a sense of the robot as a "peer" rather than a machine.
Providing Comfort/Confidence	Item 7: Evaluates the level of "Trust Safety" and vulnerability a user feels in the presence of the empathic agent.