

Artificial Social Agent Questionnaire (The Short Version)

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The *Artificial Social Agent Questionnaire* is an instrument for evaluating human interaction with an artificial social agent (ASA), resulting from multi-year efforts involving more than 100 Intelligent Virtual Agent (IVA) researchers worldwide at Open Source Framework work-group of Artificial Social Agent Evaluation Instrument (<https://osf.io/6duf7/>). This document presents the long version, the short version (of the ASA Questionnaire), which consists of 24 items.

To cite:

- Siska Fitriani, Merijn Bruijnes, Fengxiang Li, Amal Abdulrahman, and Willem-Paul Brinkman. 2022. The Artificial-Social-Agent Questionnaire: Establishing the long and short questionnaire versions. In ACM International Conference on Intelligent Virtual Agents (IVA'22), September, 2022, Faro, Portugal. ACM, New York, NY, USA. <https://doi.org/10.1145/3514197.3549612>
- Siska Fitriani, Merijn Bruijnes, Fengxiang Li, Amal Abdulrahman, and Willem-Paul Brinkman. 2022. Artificial Social Agent Questionnaire Instrument. <https://doi.org/10.4121/19650846>
4TU.ResearchData.



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Note:

- [R] refers to reverse-scoring questionnaire item,
- [The agent] can be replaced with the ASA's name, and
- [.. / ..], e.g. [I am / The user is], means to use either one.

Rating Scale:

7-point rating scale [-3 .. +3]

- -3 label: disagree
- 0 label: neither agree nor disagree
- 3 label: agree

ID Item

1	HLA	[The agent] has the appearance of a human
2	HLB	[The agent] has a human-like manner
3	NA	[The agent] seems natural from its outward appearance
4	NB	[The agent] reacts like a living organism
5	AAS	[The agent]'s appearance is appropriate
6	AU	[The agent] is easy to use
7	PF	[The agent] does its task well
8	AL	I like [the agent]
9	AS	[The agent] can easily mix socially
10	APP	[The agent] has a distinctive character
11	UAA	[I / The user] will use [the agent] again in the future
12	AE	[R] [The agent] is boring
13	UE	The interaction captured [my / the user's] attention
14	UT	[I / The user] can rely on [the agent]
15	UAL	[The agent] and [I / the user] have a strategic alliance
16	AA	[The agent] is attentive
17	AC	[R] [The agent]'s behavior does not make sense
18	AI	[R] [The agent] has no clue of what it is doing
19	AT	[I see / The user sees] the interaction with [the agent] as something positive
20	SP	[The agent] is a social entity
21	IIS	Others would encourage [me / the user] to use [the agent]
22	AEI	[R] [The agent] is emotionless
23	UEP	The emotions [I feel / the user feels] during the interaction are caused by [the agent]
24	UAI	[The agent]'s and [my / the user's] emotions change to what [we / they] do to each other
