Aspect	Dimension		Definition	Tag
Study Design & Procedure	Study Type	Between	follows between-subjects design	yes, no
		Within	follows within-subjects design	yes, no
		Mixed	design not uniquely classifiable as between- or within-subjects	yes, no
	Experiment Length		length of experiment in minutes	number
	Training Type		passive (e.g., reading tutorial) or active (e.g., answering test-like questions)	passive, active
	Dummy Questions		test questions (e.g., to distract users) not part of training and not analyzed	yes, no
	Visualization Type	Static	task stimuli were static	yes, no
		Interactive	task involved interaction with stimuli	yes, no
	Recruitment Platform		platform used to recruit participants	AMT, CrowdFlower, Other
	Device & Software Restrictions		type of device and software restrictions enforced for participation	string
Task Types	Task Type		type of task completed by the participants in the experiment	string
Participants	Number	Total	total number of participants that took the experiment	number
		Per Condition	number of participants per condition, if applicable	number
		Valid Responses	total number of participants with valid responses	number
	Gender	Female %	percentage of participants that were female	number
	Age	Reported	age was reported	yes, no
		Range	age range	[number,number]
		Mean	age mean	number
	Culture	USA Only	participants were all from the USA	yes, no
		USA:India:Europe:Other	percentage of participants per mentioned continent	number:number:number:number
	Requisites	Colorblindness	how was colorblindness controlled for	self-reported, tested
		Prerequisites	requirements, determined a priori (no"aptitude test"), for participation	string
		Pre-test	any "aptitude test", not determined a priori, for participation	string
Measures & Metrics	Error		error (absolute or relative) was a measured and analyzed	yes, no
	Time		time measured and analysed	yes, no
	Confidence		confidence in participant's response measured and analyzed	yes, no
	Abilities	Numeracy	participants' numeracy ability measured and analyzed	yes, no
		Spatial	participants' spatial ability measured and analyzed	yes, no
	Other		any other dependent variables measured and analyzed	string
Quality Assurance	Inattentive Participants		strategy to detect inattentive participants	Catch questions task relevant, Catch questions task irrelevant, Task completion time threshold, Other
	Multiple Participation		strategy to ensure that workers took the experiment only once	pre study, post study
	Payment	Type	if payment was per trial, per study or any other payment criteria	per trial, per correct trial, per study, raffle, other
		Amount	payment participants received	number
	Bonus		type of bonus granted	string
Reproducibility	Available	Material	type of publicly available material, e.g., code, stimuli, questions	string
		Collected Data	collected, anonymized data is publicly available	yes, no

Table 3: *Our 36 dimensions categorized into six aspects by which we tagged and analysed 190 experiments. Papers that did not report about the dimension were tagged with NR (Not Reported).*