

Supplementary Material

The detection of malingered amnesia: an approach involving multiple strategies in a mock crime

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The complete list of stimuli presented to participants during the mouse tracking task.

The first column reports the complexity of each sentence (simple vs complex). The second column reports the content of the question (memory of mock crime vs crime scene vs test setting). Questions are reported in third column. Finally, the fourth column reports the expected response (yes vs no) separately for honest and naïve malingerers.

Complexity	Торіс	Sentence	Expected response	
			Honest	Malingerers
Simple		Are you sitting on a sofa?	No	No
		Are you in a room?	Yes	Yes
	Test setting	Are you wearing shoes?	Yes	Yes
		Are you shirtless?	No	No
		Are you alone in the room?	No	No
	Memory of mock crime (amnesia symptoms)	Do you have vague memories of what happened?	No	Yes
		Do you have precise memories of what happened?	Yes	No
		Do you forget what you were doing in the room?	No	Yes
		Do you remember very little about the event?	No	Yes
		If you try, can you remember what happened?	Yes	No
		Do you remember why you entered that room?	Yes	No
		Are you ignoring what happened to the mannequin?	No	Yes
	Crime scene	Do you remember how the mannequin was dressed?	Yes	No
		Do you remember some details of the room?	Yes	No
		Is it difficult for you to remember the mannequin's face?	No	Yes
Complex	Crime scene + crime scene	Do you remember an apple and a bag in the room?	Yes	No
		Do you remember that the mannequin had a hat and it was serious?	Yes	No

Do you know that you had to		
steal money but you found	Yes	No
some jewels?		
Do you remember that you		
had to steal money and then	Yes	No
to stab the mannequin?		
Do you remember whether in		
the room there was a closed	Yes	No
window and a table?		- • •
Do you remember that you		
found jewels and hit the	Yes	No
mannequin?	105	110
Do you know that the		
mannequin was on the right		
of the room and there was a	Yes	No
window?		
As far as you remember, did		
	Vac	No
you find any jewels and hit	Yes	No
the mannequin?		
As far as you remember, were	N	NT
the jewels in a box, but you	Yes	No
were looking for money?		
Do you remember that you		
saw the mannequin in the	Yes	No
room and hit it violently?		
Do you know that the		
mannequin was sitting and	No	No
wearing a hat?		
Do you remember that you		
wanted to steal money but	No	No
also found some jewels?		
As far as you remember,		
there were also a bag and a	No	No
dog in the room?		
As far as you remember,		
there were also a bicycle and	No	No
a table in the room?		
Do you remember that you		
found some jewels that were	No	No
behind the mannequin?		
Do you remember that you hit		
the mannequin and you took	No	No
his hat?		
Do you know that the		
mannequin was sitting and	No	No
you hit him with a knife?	110	110
you me min with a kinte?		

	Do you remember that the mannequin was crying and had dark hair?	No	No
	As far as you remember, were apples on the table and did you steal one?	No	No
	Do you remember that there were chairs in the room and they were all red?	No	No
	Do you have vague memories of what happened and it's hard for you to remember how the mannequin was dressed?	No	Yes
	Do you find difficult to remember the story and do you ignore what happened?	No	Yes
	Is the memory of the vent hazy and don't you remember what there was in the room?	No	Yes
	Do you have flashes of what happened but you don't know what you should do?	No	Yes
Memory of mock crime (amnesia	Did you removed the incident and you can't remember it?	No	Yes
symptoms) + Memory of mock crime (amnesia symptoms)	Do you have memories about the event and do you remember how the mannequin was made?	No	No
	Don't you know what you did but you remember many details of the room?	No	No
	Do you know what you had to do in that room but can't remember what happened?	No	No
	Do you have any doubts about what happened and you perfectly remember what you found in the room?	No	No
	Did you removed what happened and you have precise memories of the room?	No	No
Crime scene + test setting	As far as you remember, did the mannequin have a hat and are you sitting on a chair right now?	Yes	No

		Do you remember that there was a table in the room and	Yes	No
		are you in front of a computer right now?	105	INO
		As far as you remember, were the jewels in a box and are you now in a room?	Yes	No
		Are you wearing shoes right now and do you remember that you stole money?	Yes	No
		Are you answering a questionnaire and did you find any jewels during the incident?	Yes	No
		Are you climbing a mountain right now and do you remember that there was a mannequin in that room?	No	No
		Do you remember that there was a dog in the room and are you in Italy in this moment?	No	No
		Do you remember that the mannequin was standing and are you shirtless right now?	No	No
		Is there someone with you in the room right now and was the mannequin sad?	No	No
		Are you now sitting on a couch and do you remember that you stole some money?	No	No
	Memory of mock crime (amnesia symptoms) + test setting	Are you in front of the computer right now and do you ignore what happened during the incident?	No	Yes
		Are you now in a room and do you have few memories of the story?	No	Yes
		Did you removed the incident from you memory and are you now responding with a mouse?	No	Yes
		Do you have only some flashes of what happened and are you reading questions right now?	No	Yes

		Are you wearing shoes in this moment and is it difficult for you to remember the story?	No	Yes
		Are you climbing a mountain and do you have vague memories of what happened?	No	No
		Did you removed the incident from your memory and are you in France right now?	No	No
		Is your mind clouded about the event and are you sitting on a sofa right now?	No	No
		Are you in the open country right now and doesn't you remember what you had to did in that room?	No	No
		Do you have only some flashes of what happened and are you now responding with a pencil?	No	No
	Test setting + test setting	Are you responding with the mouse and are you in a room right now?	Yes	Yes
		Are you in Italy and are you in front of the computer right now?	Yes	Yes
Те		Are you reading questions and is there someone else now in the room?	Yes	Yes
		Are questions written in red ink and you wearing shoes right now?	No	No
		Are you in the open country right now and is the door closed?	No	No
		Are you inside a building and are you now using a pencil?	No	No