

Testing a novel implementation imagery e-health intervention to change driver behaviour during floods: A randomised controlled trial

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Items and response scales for measurement of psychological constructs

Behaviour	Definition
Driving through floodwater ^a	The following questions will ask about your knowledge and attitudes towards driving through floodwater. "Floodwater" refers to a body of water covering land that is normally dry. For the next questions, please think about your driving through floodwater. For example, think about the scenario where you are driving in your car immediately after a thunderstorm. You approach a section of the road that is completely covered in water. Now consider your future driving, if such a scenario occurred, how likely are you in the future to drive through the floodwater...?"
Avoiding driving through floodwater ^b	The following questions will ask about your knowledge and attitudes towards driving through floodwater. "Floodwater" refers to a body of water covering land that is normally dry. For the next questions, please think about your driving through floodwater. For example, think about the scenario where you are driving in your car immediately after a thunderstorm. You approach a section of the road that is completely covered in water. Now consider your future driving, if such a scenario occurred, how likely are you in the future to AVOID driving through the floodwater...?"

Construct	Items	Scoring
Intention ^a	I intend to drive through the floodwater. I expect I would drive through the floodwater. It is likely that I will drive through the floodwater. In general, I would be willing to drive through the floodwater.	[1] extremely unlikely – [7] extremely likely
Attitudes ^a	If I were to drive through the floodwater, it would be...	[1] bad – [7] good [1] harmful – [7] harmless [1] unwise – [7] wise [1] intelligent – [7] stupid [1] negative – [7] positive
Subjective Norm ^a	Most people who are important to me would approve of me driving through the floodwater. Those people who are important to me think that I should drive through the floodwater. Those people who are important to me would want me to drive through the floodwater. Those people who are similar to me would drive through the floodwater. Most people like me would drive through the floodwater.	[1] strongly disagree – [7] strongly agree
Perceived Behavioural Control ^a	It is mostly up to me whether I drive through the floodwater. I have complete control over whether I drive through the floodwater. It would be easy for me to drive through the floodwater. I am confident I could drive through the floodwater.	[1] strongly disagree – [7] strongly agree
Risk perception ^a	It would be risky for me to drive through the floodwater. If I drive through the floodwater there would be risk involved.	[1] strongly disagree – [7] strongly agree
Perceived susceptibility ^a	My chances of having trouble if I drive through the floodwater are great. There is a good possibility that I will have trouble if I drive through the floodwater. I would be worried about having trouble if I drove through the floodwater.	[1] extremely unsusceptible – [7] extremely susceptible
Perceived severity ^a	If I drive through the floodwater, the consequences would be...? If you drive through the floodwater, to what extent would it impact severely on your life?	[1] not at all severe – [7] extremely severe

Anticipated regret ^a	If I were to drive through the floodwater, I would feel regret. If I were to drive through the floodwater, I would feel sorry for doing it. I would feel upset if I drove through the floodwater.	[1] strongly disagree – [7] strongly agree
Barrier self-efficacy ^b	I am confident I can avoid driving through floodwaters in the future...? ... even when I might be late for work ... even when I need to get to my children/other family members ... even when I need to get home to check on the house/pets etc ... even when the alternative route will take more time/is inconvenient ... even when I see others driving through ... even when I think I can make it ... even when I feel pressure from others to drive through ... even when I know others are around to help if something goes wrong ... even when I think my vehicle is capable to drive through	[1] not at all confident – [7] definitely confident
Action planning ^b	Do you have a plan with regard to AVOIDING driving through floodwater next time you encounter it on your route? When to avoid driving through floodwater Where to avoid driving through floodwater How to avoid driving through floodwater How often to avoid driving through floodwater	[1] not at all true – [7] exactly true
Imagery ability ^c	Typically, I... Have a rich vocabulary Have difficulty understanding abstract ideas Have a vivid imagination Am not interested in abstract ideas Have excellent ideas Do not have a good imagination Am quick to understand things Use difficult words Spend time reflecting on things Am full of ideas	[1] very inaccurate – [5] very accurate
Willingness to form a goal ^c	Now that you have heard some information about driving into floodwater, please indicate your agreement with the following statement: I am willing to form a goal to avoid driving through floodwater	[1] strongly disagree – [7] strongly agree
Imagery fidelity ^d	Vividness: How VIVID was the mental image that you had of yourself avoiding driving through the floodwater? Clarity: How CLEAR was the mental image that you had of yourself avoiding driving through the floodwater? Detail: How DETAILED were the images that you had of yourself avoiding driving through the floodwater? Ease: How easy or difficult was it for you to create these images?	[1] not at all vivid – [7] very vivid [1] not at all clear – [7] very clear [1] not at all detailed – [7] very detailed [1] extremely easy – [7] extremely difficult
