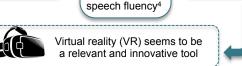
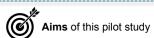
A virtual audience for public speaking: A pilot study

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Background Public speaking is one of the its training has most feared benefits on activities1 communication and its performance has quality can but its consequences influence a implementation speaker's is complex4 communication career performances3. success² particularly on





Validate the use of virtual audience for public speaking by assessing its capacity to elicit emotional (i.e. anxiety) and behavorial responses (i.e. disfluencies) to confirm its ecological validity.

8 participants made an oral presentation in front of a virtual audience



	Measures	Tools
Speech	Speech disfluencies	Computerized Language Analysis (CLAN)
Emotions	Anxiety level	Subjective Units of Distress Scale (SUDS)
Quality of virtual audience	Feeling of presence	Questionnaire de Présence (QP-UQO)
	Side effects (i.e. cybersickness)	

Quality of VR - sufficient feeling of presence (μ = 57,03%) - absence of cybersickness (μ = 2,5%) Speech disfluencies Emotions 50 40 9 SUDS before subseques revision repetition Types of non-typical disfluencies



First step into a long-term project

Highlighting positive points of this virtual audience

Improving some aspects of this virtual audience

Need to statistically confirm the ecological validity of this virtual audience

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