

Review of: "Immediate test-retest reliabilities of intention to quit smoking measures in current adult smokers"

Eva Nohkert

Potential competing interests: No potential competing interests to declare.

It's a well-written manuscript of an innovative study. However, I have some questions and reflections as follows.

I don't think all readers are familiar with TPPI studies, so please describe them.

The randomization method and sample size calculation are unclearly and incompletely described, especially as the result was different sizes of the two arms.

The definition of a current smoker - there are considerable differences between 1 cig/day, smoking 4 days per month and 100 cigarettes during lifetime.

The time frame is so short that it's most likely that the participants remember their previous responses – which of course produce high reliability coefficients.

What does the filler task consist of? Same for all participants?

I don't see the value or necessity of the two categorizations of MTSS, so please explain.

The study includes a lot of data, yet I wonder if subgroup results perhaps could be valuable (the sample size ought to be enough).

The external validity/generalization possibility is a main concern of this study, as you used a convenience sample of people interested in participating in market research studies.