

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

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The authors have very carefully described a straightforward study of the very short-term retest reliability of measures of (a) stage of change for smoking (or all tobacco/nicotine products) cessation, and (b) motivation to stop smoking (or all tobacco/nicotine products). The sample size is well-justified, and the data are presented in exemplary fashion including confidence intervals for kappa, as well as the actual frequency data such that readers who prefer some other summary statistic can calculate it themselves. The methods by which scores on the continuous measure were categorized is also clear.

More might have been said about what is known concerning the generalizability of results recruited in this way, though it appears to be a diverse adult sample, and I had no specific concerns in that regard. As the authors acknowledge, the likelihood of practice effects is strong in view of the very short (a few minutes) retest interval, but their argument that this interval mimics the time frame for some experiments using change in scores on these measures to detect intervention impact is well-taken.

In summary, this study is informative in clarifying the very high short-term retest reliability of commonly used measures of intent to quit and of motivation.