

Review of: "Insights into Psychoactive Drug Effects: The Role of Drug Discrimination Techniques"

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Potential competing interests: No potential competing interests to declare.

The author overviews the use of the “drug discrimination technique” to study psychoactive substances. The work is a good, short, broad pass of pharmacological research based primarily on subjective measures using rodents. As someone relatively new to this area, I found some of the information interesting; however, it seems that the work seeks to distill a great deal of information into a quite short text, which is laudable, but perhaps leaves the reader wanting some more details.

Some of the writing (English language) could be improved to increase readability. For the most part, it is clear, but there are some passages that are harder to follow. For example, the first sentence of the second paragraph of section 2.1 is awkward as written.

The author uses the term “drug discrimination technique” throughout, generally, but I was wanting some more specifics on the types of measurements and analyses performed. That would help make this general term more clear.

In the second paragraph of section 3.1, it appears some ranges of drug concentrations are presented, but the hyphen between values is missing, so it is not clear. It becomes more clear when similar text is presented later, which is similar and includes the hyphens.

There are a few places where reference citations appear to be missing. In section 3.5, the author refers to Herr et al., but no numbered reference is given for this study. A similar issue appears in the second paragraph of section 4. Talk about evidence revealing the involvement of different receptor subtypes is not accompanied by any references.