

# Response strategies of instructed malingerers during forced choice testing

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Propositions

**Response Strategies of Instructed Malingerers during Forced Choice Testing:**

*New Measures and Criteria to detect Concealed Knowledge and Feigned Cognitive Deficits*

1. The underperformance criterion traditionally applied in Forced Choice Testing is only sensitive to one of three response strategies.

*This Thesis*

2. In a Forced Choice Test to detect concealed crime knowledge, the traditional 5% cut-off point for underperformance does not reflect the best trade-off between sensitivity and specificity and practitioners can severely reduce their false positive rates by using a more conservative cut-off point.

*This Thesis*

3. Detection accuracy can best be increased either by promoting the prevalence of underperformance response strategy, or by developing new criteria that are sensitive to randomisation behaviour.

*This Thesis*

4. The selection of optimal criteria differs between cases of malingered loss of memory for a specific event and malingered cognitive disorders due to varying constraints in the test construction process.

*This Thesis*

5. The first consequence of the principle of bounded rationality is that the intended rationality of an actor requires him to construct a simplified model of the real situation in order to deal with it. He behaves rationally with respect to this model, and such behavior is not even approximately optimal with respect to the real world. To predict his behavior we must understand the way in which this simplified model is constructed, and its construction will certainly be related to his psychological properties as a perceiving, thinking, and learning animal.

*Herbert A. Simon, "Models of Man"*

6. The opportunity to defeat the enemy is provided by the enemy himself.

*Sun Tzu, "The Art of War"*

7. If your experiment needs a statistician, you need a better experiment.

*Ernest Rutherford*

8. If p-values can trend towards significance, we must also accept that all p-values  $< .05$  are trending towards non-significance.

*Rephrased, origin not known*