

# Preliminary Validation of the CAT-PD Inconsistency Scale

Amber M. Stewart, Matthew M. Yalch

## INTRODUCTION:

- Recent research on pathological personality trait assessment has focused on the validation of indices of test-takers' response style.
- One such index is the Inconsistency Scale (INC) of the *Computerized Adaptive Test of Personality Disorder* (CAT-PD).
- The CAT-PD-INC scale consists of items that should be rarely, if ever, endorsed (e.g., "I have never watched television in my lifetime").
- Endorsement of these items provides an indication of whether test-takers are responding randomly.
- However, we do not yet know what level of endorsement of the CAT-PD-INC suggests random responding.

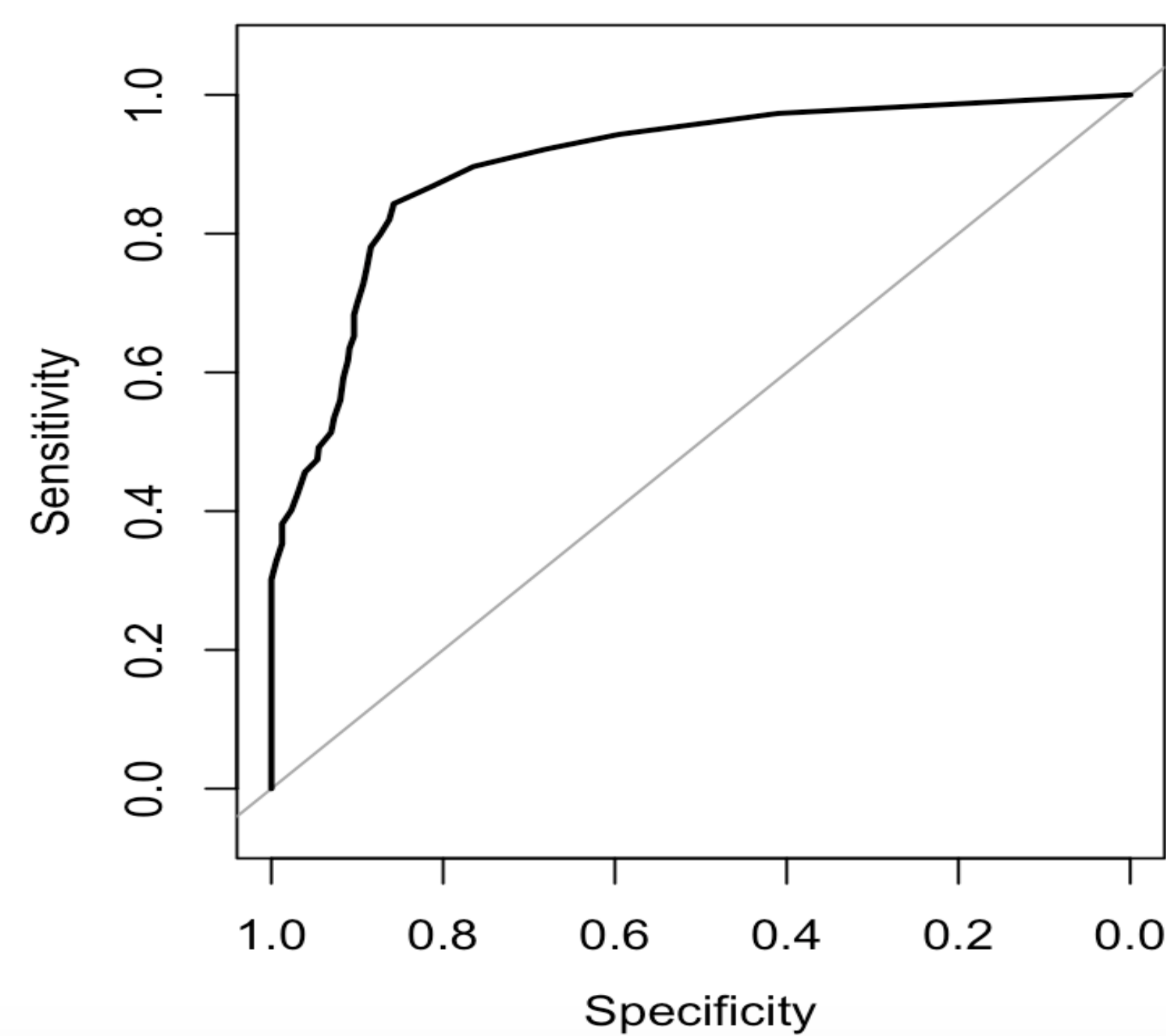
## METHOD

- Participants: 561 adults recruited from Amazon's Mechanical Turk; mean age 40 years (SD = 14).
- We compared responses from participants to randomly generated responses ( $n = 561$ ).

## RESULTS

- ROC analysis suggested a score of 16 on CAT-PD-INC distinguishes between real and simulated responses.

Figure 1. ROC Curve of CAT-PD-INC Predicting Simulated Responding



## DISCUSSION

- This study provides preliminary evidence for the CAT-PD-INC scale as a predictor of random responding.
- Future research should extend this by examining the predictive validity of other CAT-PD validity scales.

# Evidence for random responding scale on a measure of pathological personality traits



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Table 1. Participant Demographics

	<i>n</i> (%)
Sex	
Male	236 (42.1%)
Female	325 (57.9%)
Race	
Asian	30 (5%)
Black/African American	55 (10%)
Native American	5 (1%)
White	442 (80%)
Multicultural	20 (4%)
Other	8 (1%)
LatinX	42 (8%)

Table 2. Sensitivity and specificity for potential CAT-PD-INC cut scores

Cut score	SN	SP
14	.89	.76
15	.86	.81
<b>16</b>	<b>.84</b>	<b>.85</b>
17	.81	.86
18	.79	.87

Note. SN = sensitivity; SP = specificity

