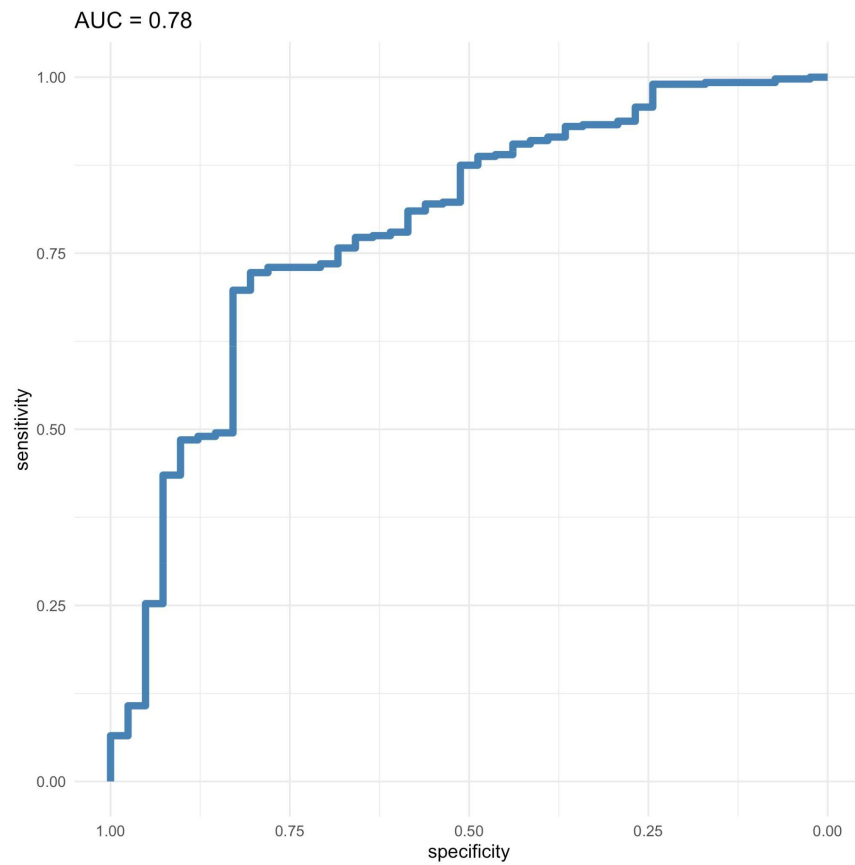


## Report 15 - GeoPref

### 1) ROC curve



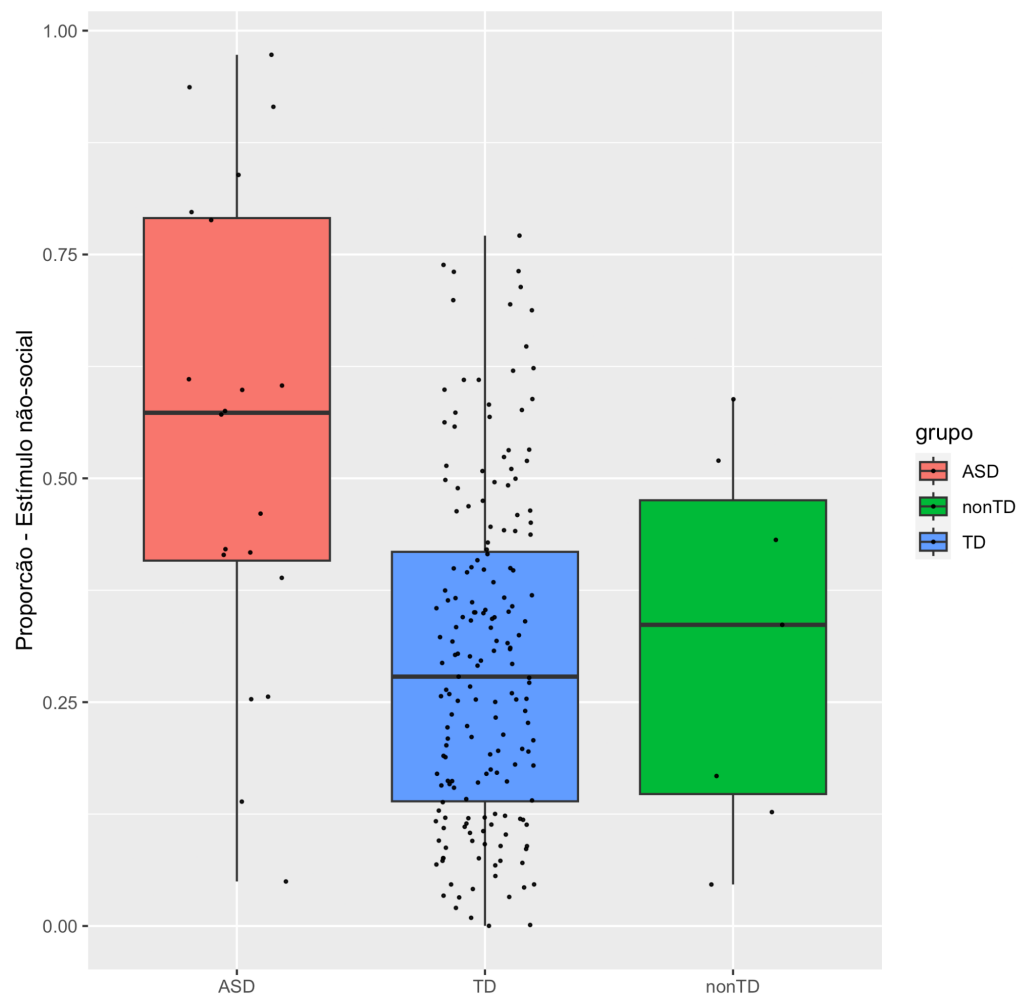
#### Replication threshold

threshold: 0.69  
specificity: 0.96  
sensitivity: 0.24  
accuracy: 60%

#### Best threshold

threshold: 0.36  
accuracy: 0.76%  
sensitivity: 0.82  
specificity: 0.69

### 2) Descriptive statistics



Statistics of % of fixation on nonSocial stimuli

|       | mean  | sd    |
|-------|-------|-------|
| ASD   | 0.532 | 0.244 |
| TD    | 0.289 | 0.189 |
| nonTD | 0.286 | 0.173 |

### 3) One-way ANOVA

One-way anova to investigate the effect of group on % of fixation on nonSocial stimuli.

Result:  $F(2, 451) = 29.27, p < .001, \eta^2 = 0.11$

#### Tuckey t-test

|           | difference | P adjusted |
|-----------|------------|------------|
| nonTD-ASD | -0.245     | .0002      |
| TD-ASD    | -0.243     | .0000      |
| TD-nonTD  | 0.002      | .9986      |

#### 4) Correlation between CARS and % of fixation on nonSocial stimuli

Pearson's correlation of .33

