

# Polling results report: 10 March 2021

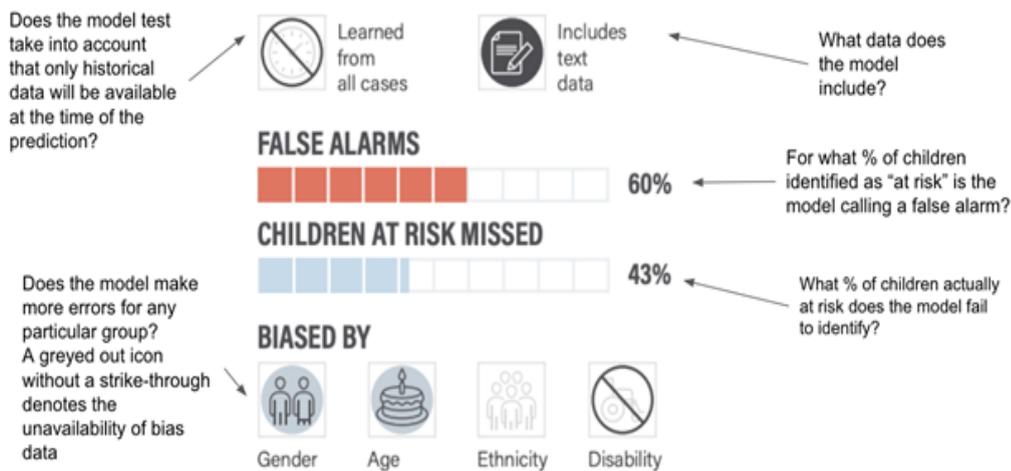
## This report

This report covers the period between the 23rd February and 8th March 2021. There were 33 respondents who completed this question.

## Predictive Analytics

The question on Predictive analytics was based on wanting to know how easy it was to understand the results from the symbols presented in the visualisation, an example is shown here in Fig 1

Fig.1

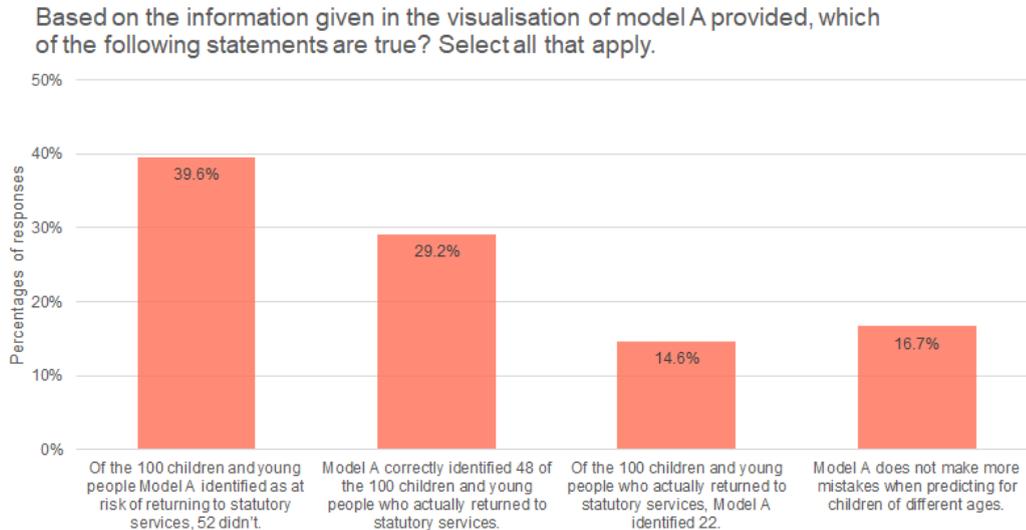


The following question was asked:

“After successfully finishing early help, is the child or young person referred to statutory children’s services within 12 months? Whether these models are a helpful practice tool for social workers in part depends on how well they predict outcomes for children. We would like your feedback on how best to visualise how many errors the models make when they are tested. Below are two models, model A and model B. Please read the statements and then complete the following questions.”



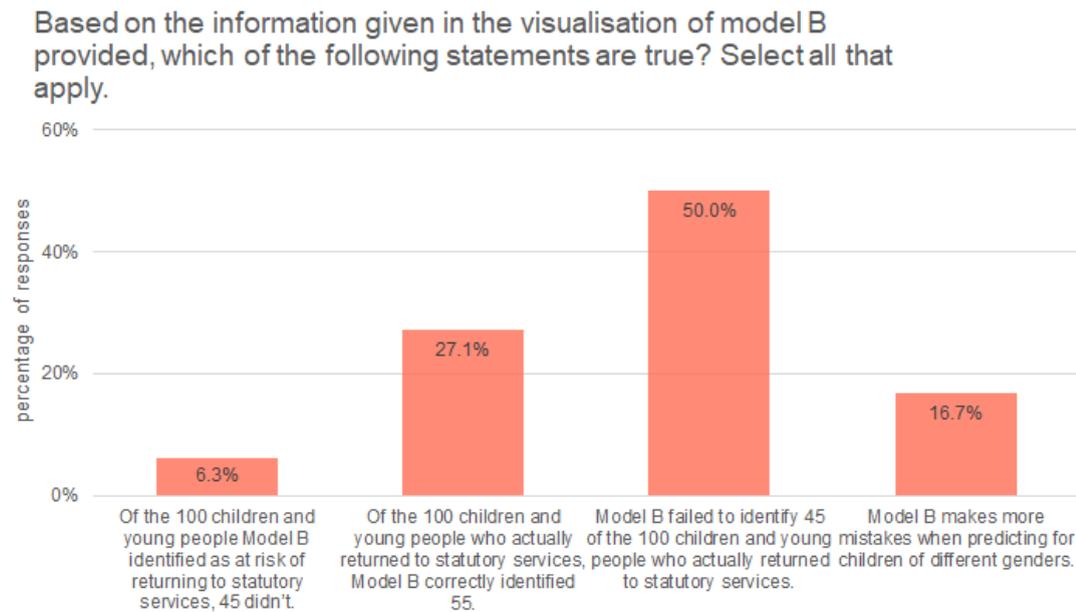
## Model A responses



The majority of those that responded felt that Statement 1 was true with statement two receiving 29% of the votes in second place.

The first and the fourth statement were true: 40% and 17% correctly identified these statements as true. The second and third statements are false: 29% and 15% incorrectly identified them as true.

## Model B responses



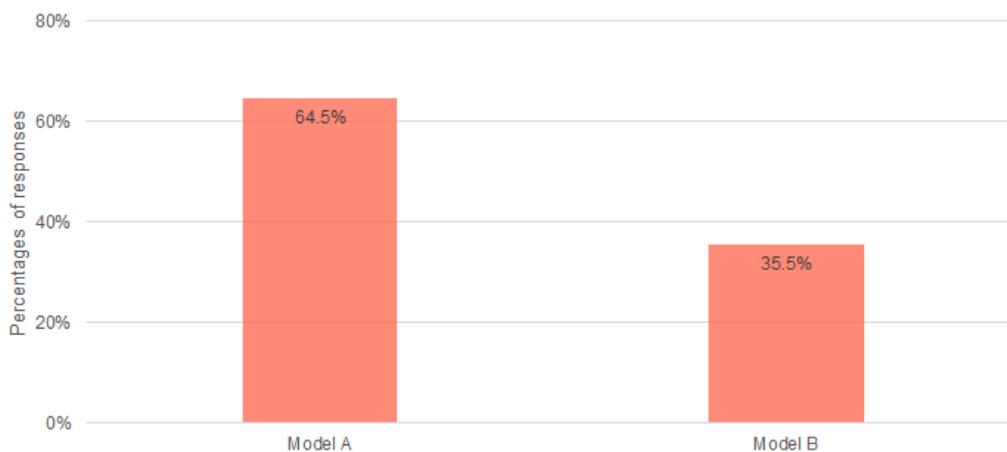


The first statement was false and the low percentage of respondents identifying the statement as true is encouraging as it suggests that respondents can distinguish between the two different types of error. Statements 2, 3 and 4 are true: 27%, 50% and 17% respectively correctly identified these statements as true. Interestingly, statement 2 and statement 3 are phrased as the mirror image of each other but statement 3 seems to be easier for respondents to interpret.

From the responses from both answers, respondents made fewer mistakes where the statements were phrased so that the numbers matched those in the visualisation. In both questions, the statements about the bias of the models were true but a low percentage of respondents correctly identified this. This suggests that this is not clear.

### Model A vs Model B

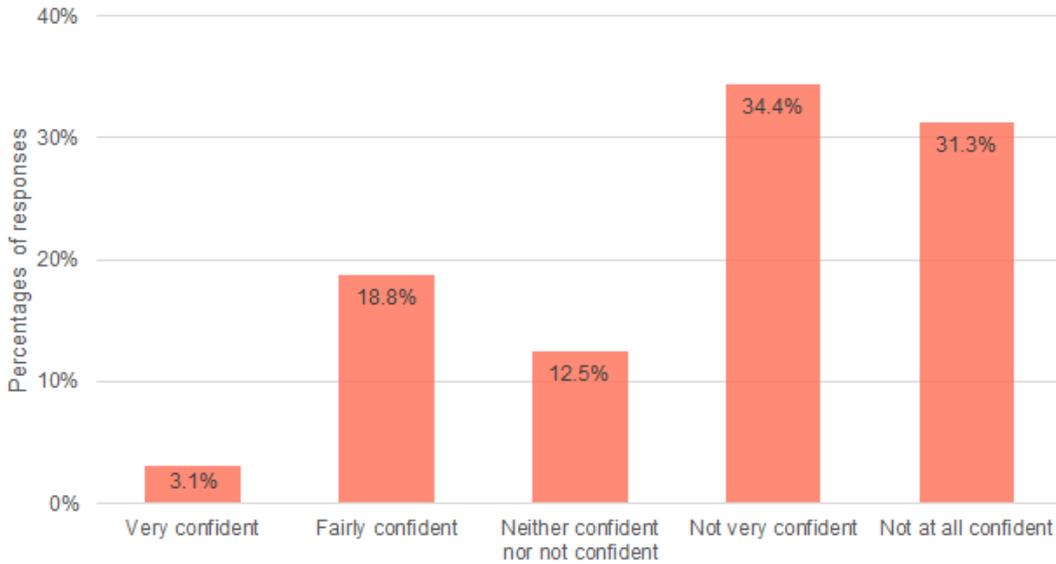
On the basis of the information presented, which model predicts better whether the child / young person will be referred into statutory children's services within 12 months?



65% of respondents correctly identified that Model A is a better model than model B based on the information provided.



### How confident are you in answer to the question above?



25% of the respondents who gave the correct answer were very confident or fairly confident compared with 18% who gave the wrong answer. 60% of the respondents who gave the correct answer were not very confident or not at all confident compared with 73% who gave the wrong answer. Although the comparison is promising, there is still a considerable amount of over- and under-confidence. Overall, social workers were not feeling very confident about how they responded with over two thirds feeling not very or not at all confident.

### About WWCSA Polling

What Works for Children’s Social Care runs fortnightly polls with social workers who have registered with us. Social workers registered with us are currently employed in a range of organisations and we canvas their opinions about our current and future research agenda as well as current affairs, Wellbeing and social work practice. We would like to thank you all for taking the time to complete the polls and also ask that you encourage your colleagues to [sign up](#).