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In a recent opinion poll in the United States, the share of respondents that disapproved of the way president Donald Trump was doing his job was 52.4 percent. The number of respondents was 2500. Based on this poll, is it fair to say that a majority of voters disapprove of the way Trump was doing his job? Employ the conventional levels of confidence and motivate your answer. **(5p)**

The World Value Survey (WVS) is a multi-country survey. One question they ask of their respondents is about their subjective happiness: “Taking all things together, would you say you are: 4. Very happy 3. Rather happy 2. Not very happy 1. Not at all happy.” In the most recent survey in Sweden the answers to this question distributed themselves as in Table 2. So, for instance 488 respondents answered that they were very happy. Please calculate the mean, median and mode. Which of these three measures of central tendency do you prefer for this particular variable? Please, motivate your answer! **(7.5p)**

Table 2: Distribution of answers

Response options:	4. Very happy	3. Rather happy	2. Not very happy	1. Not at all happy
Number of respondents	488	652	59	4



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