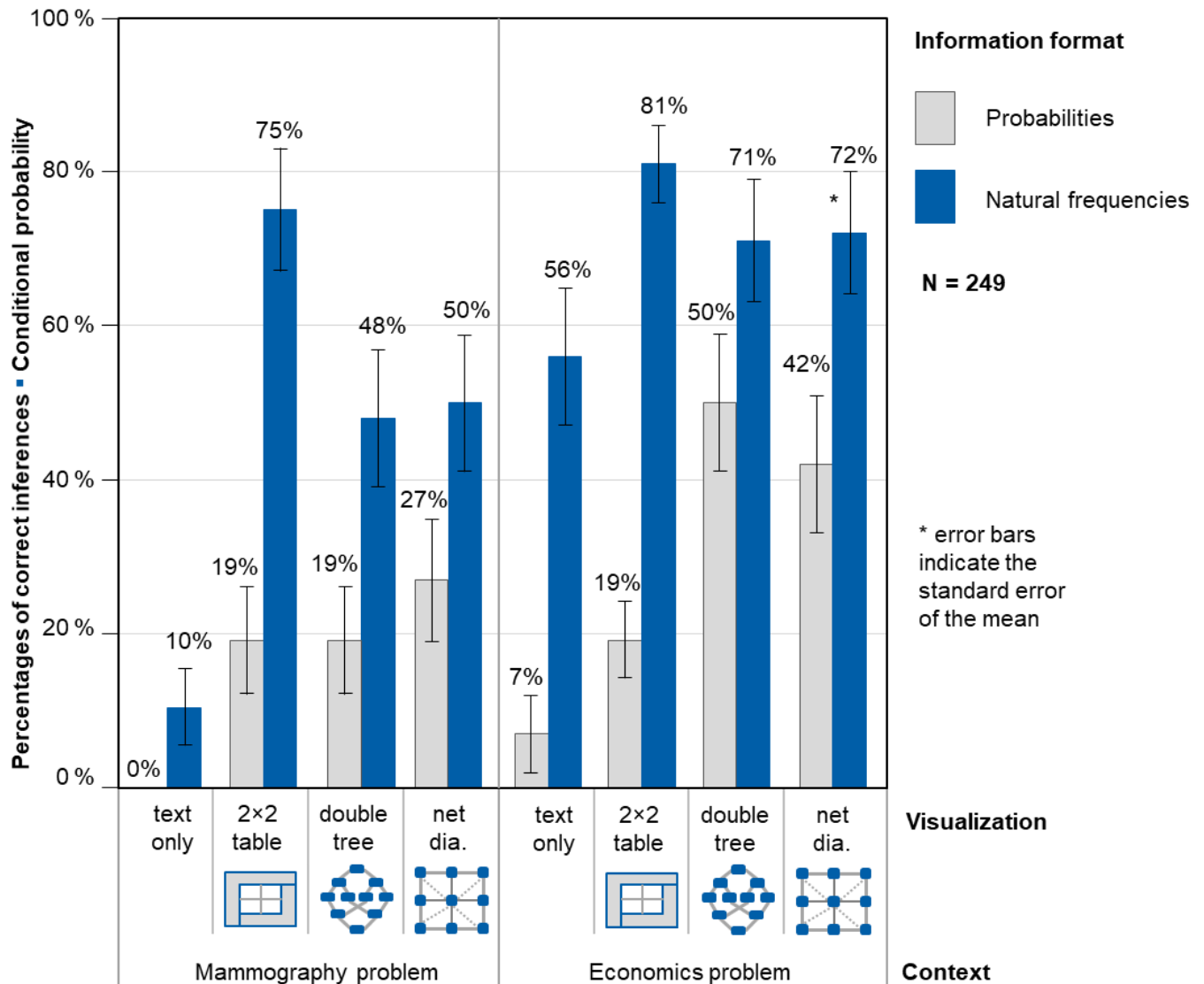


## Supplementary Material

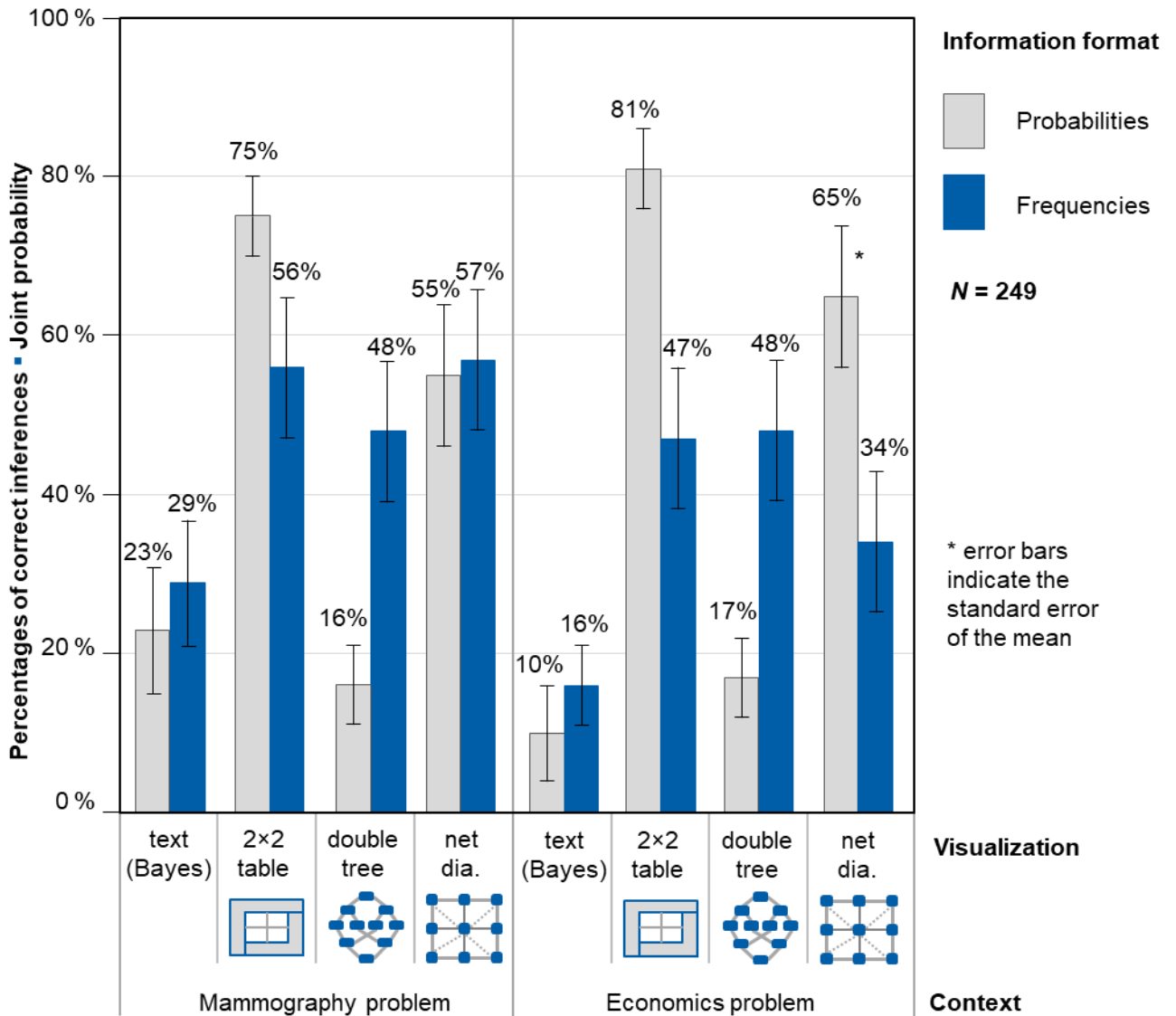
### 1 Supplementary Figures

Supplementary Figure 1 shows the percentages of correct inferences in the question for a conditional probability, separated for information format and visualization and separated for the two contexts (mammography problem vs. economics problem).



**Supplementary Figure 1.** Percentages of correct inferences in the question for a conditional probability, separated for information format and visualization and separated for the two contexts (mammography problem vs. economics problem)

Furthermore, supplementary Figure 2 shows the percentages of correct inferences in the question for a joint probability, separated for information format and visualization and separated for the two contexts (mammography problem vs. economics problem).



**Supplementary Figure 2.** Percentages of correct inferences in the question for a joint probability, separated for information format and visualization and separated for the two contexts (mammography problem vs. economics problem)