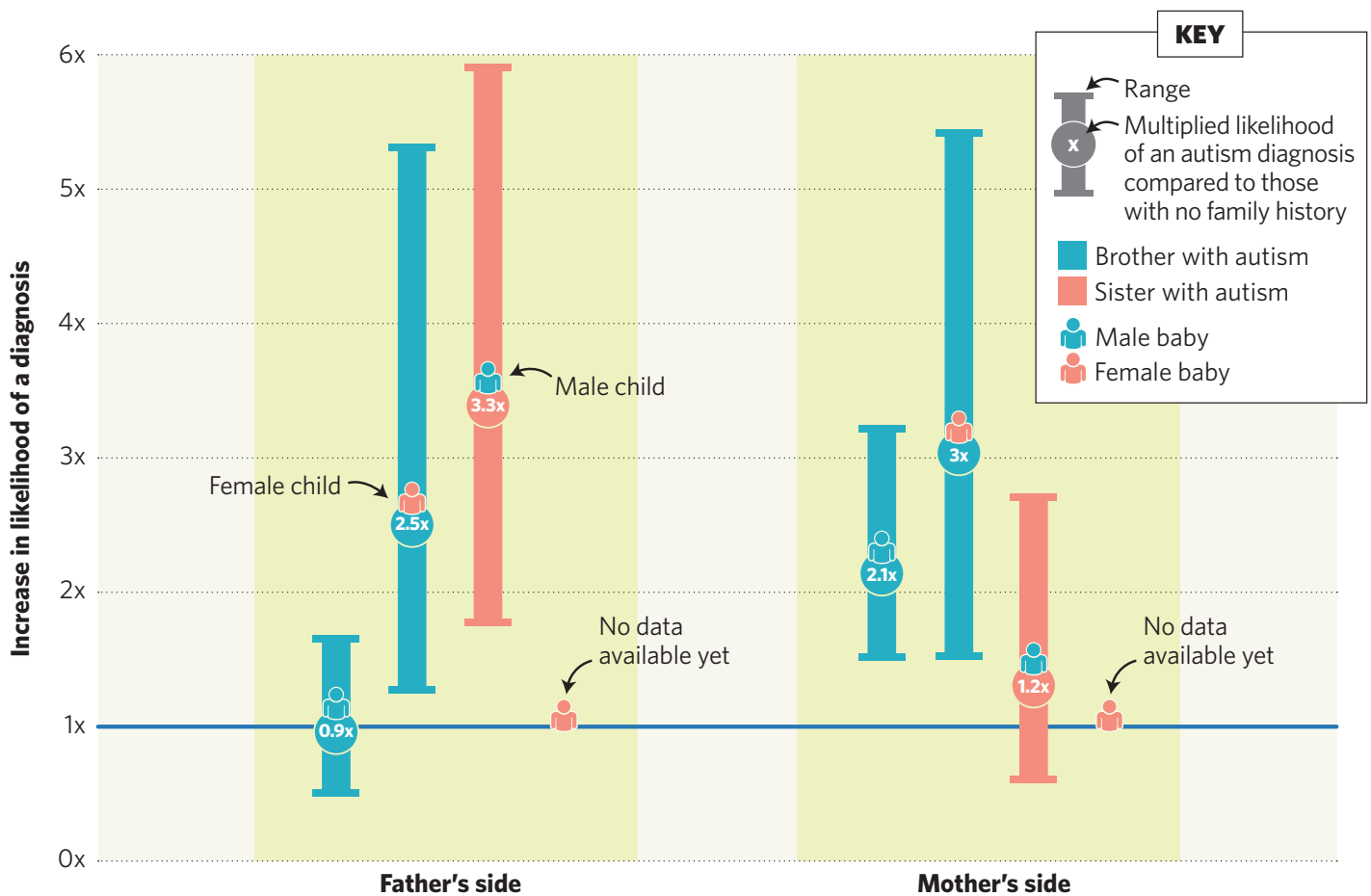


# How does having a sibling with autism affect the parent's likelihood of having a child with autism?

A study from Denmark expanded the analysis to include whether it was the parent's brother or sister who had an autism diagnosis as well as the sex of the child. They found both these factors influenced the likelihood of an autism diagnosis in the next generation.



## Key insights

- In this graph, the blue line represents the likelihood of autism in persons in the population with no family history.
- This study shows that the combination of the father having a sister with autism and having a male child confers the greatest risk.
- There are differences in likelihood of a diagnosis based on sex of the child and the sex of the parent's autistic sibling. This study found the highest probability for a diagnosis in male children who were born to fathers with an autistic sister. In this case, the probability was 3.3x higher, or about 13%

These data were drawn from the broad autism spectrum diagnosis. We do not have data on profound autism. These data are for informational purposes only and not to be used as medical advice.