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## INTRODUCTION

Previous studies support the experience of gender and geographical bias in research scientists that receive funding from the National Institute of Health (NIH) in terms of the application success rate and the amount of money received (Silva et al., 2020; Wahls, Wayne, 2016). Our team analyzed gender and geographical differences in the NIH's Neuroscience and Behavior (AA4) study section members to investigate these disparities further.

## METHODS

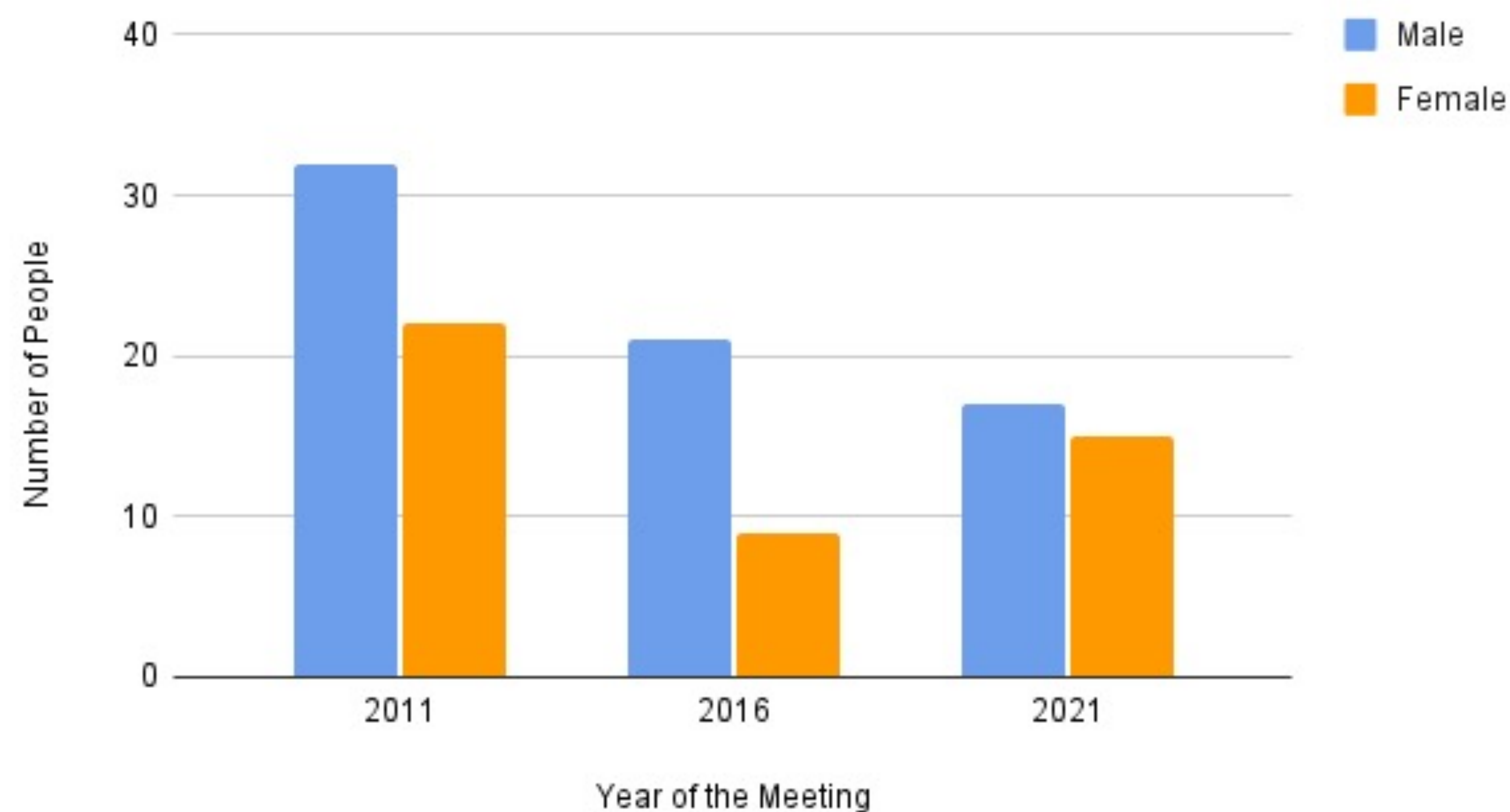
Using a pilot-tested google form, we collected the members':

- Names
- Academic degrees
- Roles within the study section
- Institutional affiliations
- Geographical location of their institutions

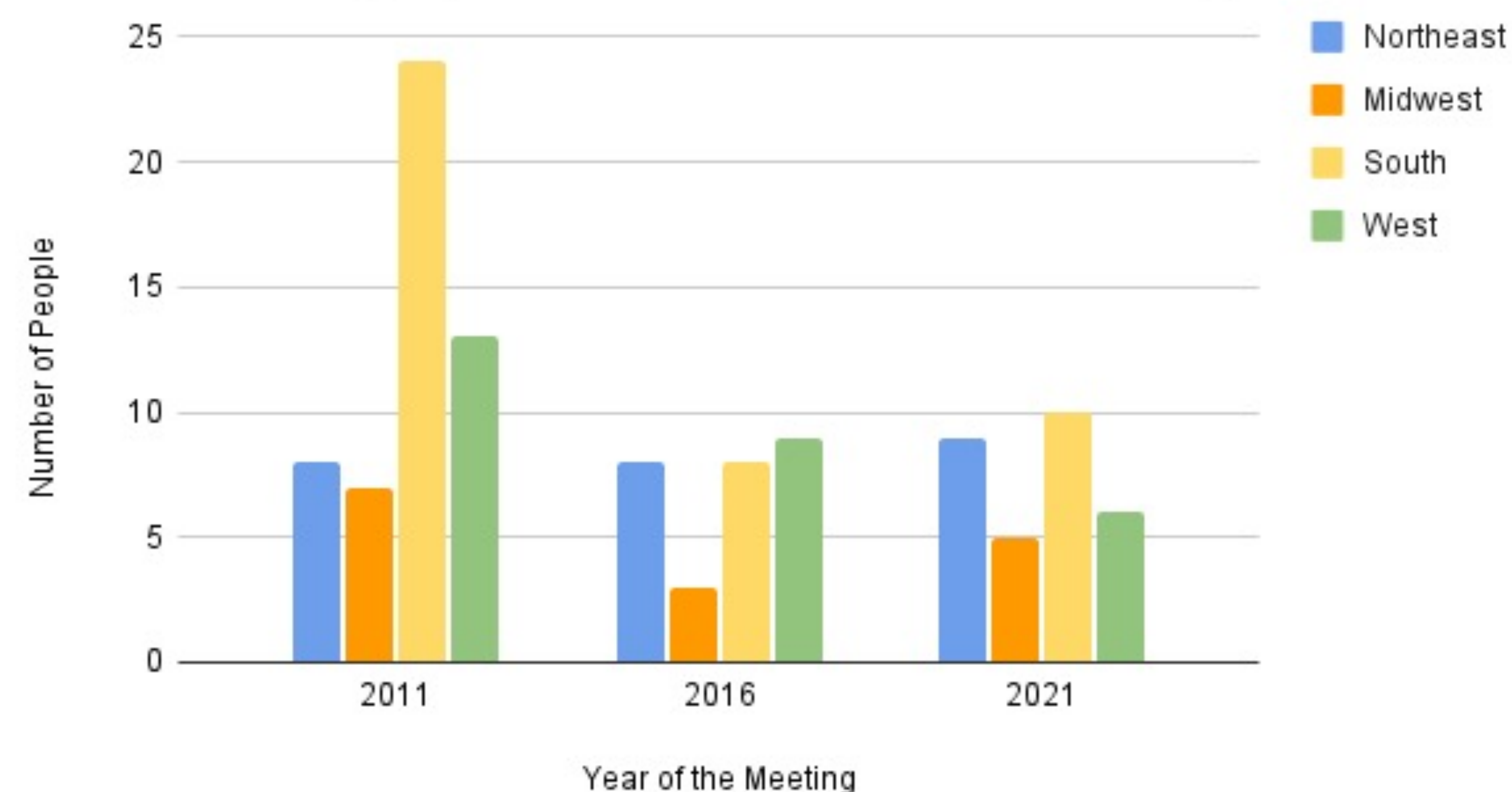
This was done from all meetings in 2011, 2016, and 2021. To determine gender, we used their online profiles or genderize.io (probability > 0.60); for geographical location, we used the United States Census Bureau's region map.

## RESULTS

Gender Differences Among Meetings



Geographical Differences Across Meetings



## CONCLUSION

Our study suggests that while gender discrepancies have been leveling out over time, a preference for the South and a lack of representation from the Midwest still exists. These differences may propose one factor for the unequal success rates and award amounts in grants from the NIH, increasing the difficulty in securing adequate funds for research for these groups of people.

## REFERENCES

- Silva, N. A., Cerasiello, S. Y., Herendeen, J. A., Sotayo, A., Say, I., Mazzola, C. A., Liu, J. K., & Eloy, J. A. (2020, October). *Gender differences in NIH grant funding in neurological surgery*. *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*. Retrieved January 28, 2022.
- Wahls, W. P. (2016, April 11). *Biases in grant proposal success rates, funding rates and award sizes affect the geographical distribution of funding for biomedical research*. PubMed. Retrieved January 27, 2022.



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