



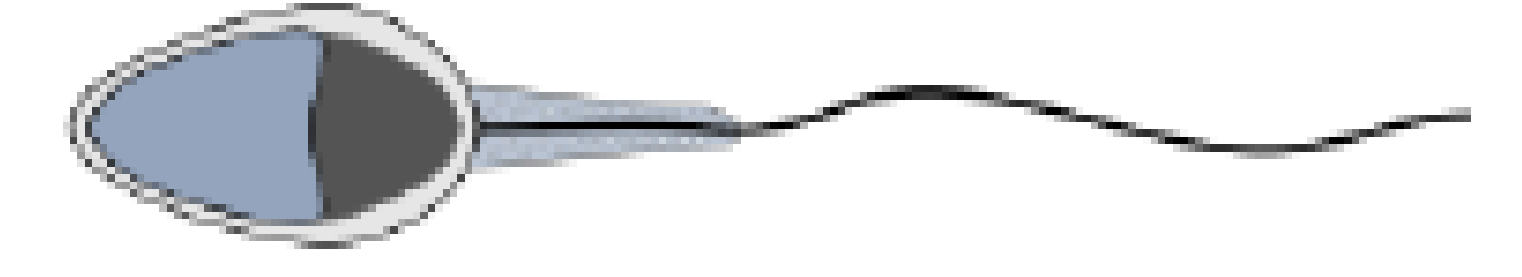
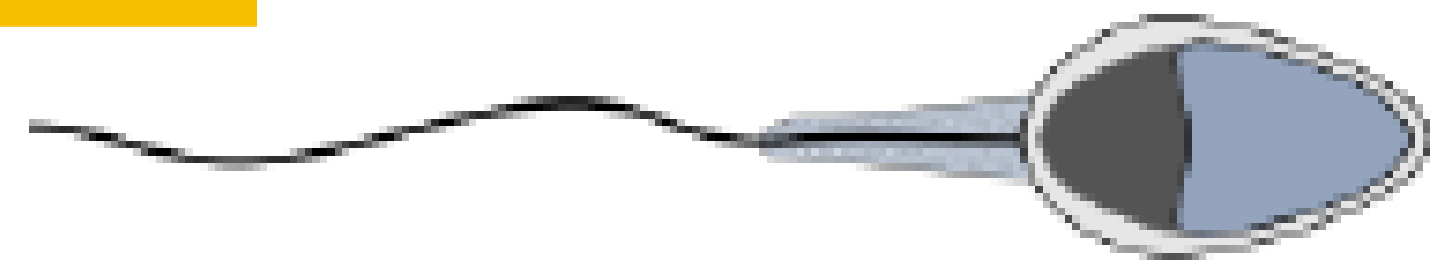
Behind Closed Doors:

Do Pornographic Habits Predict Ejaculate Parameters and Desensitization?

Anaya Brady

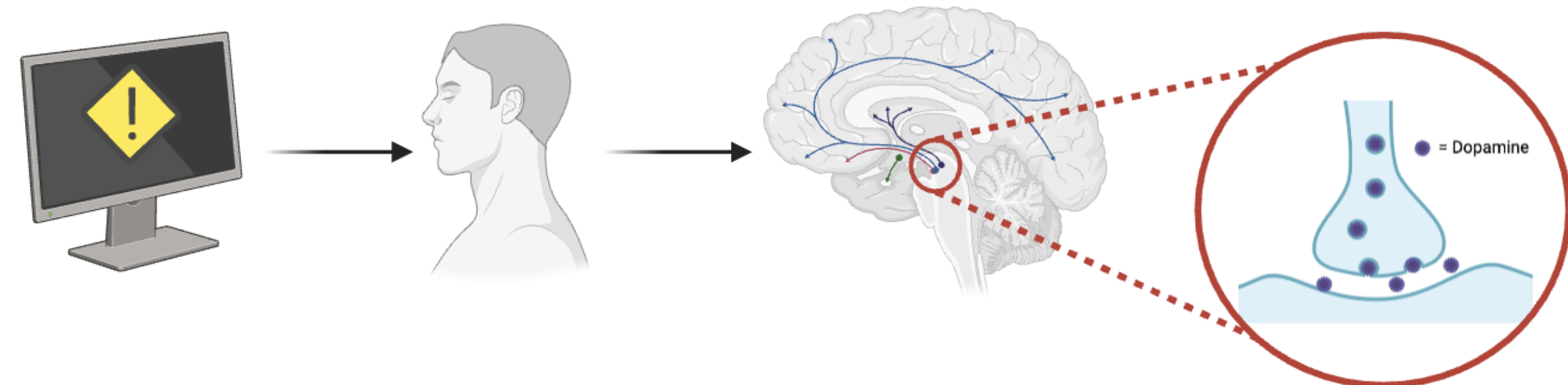
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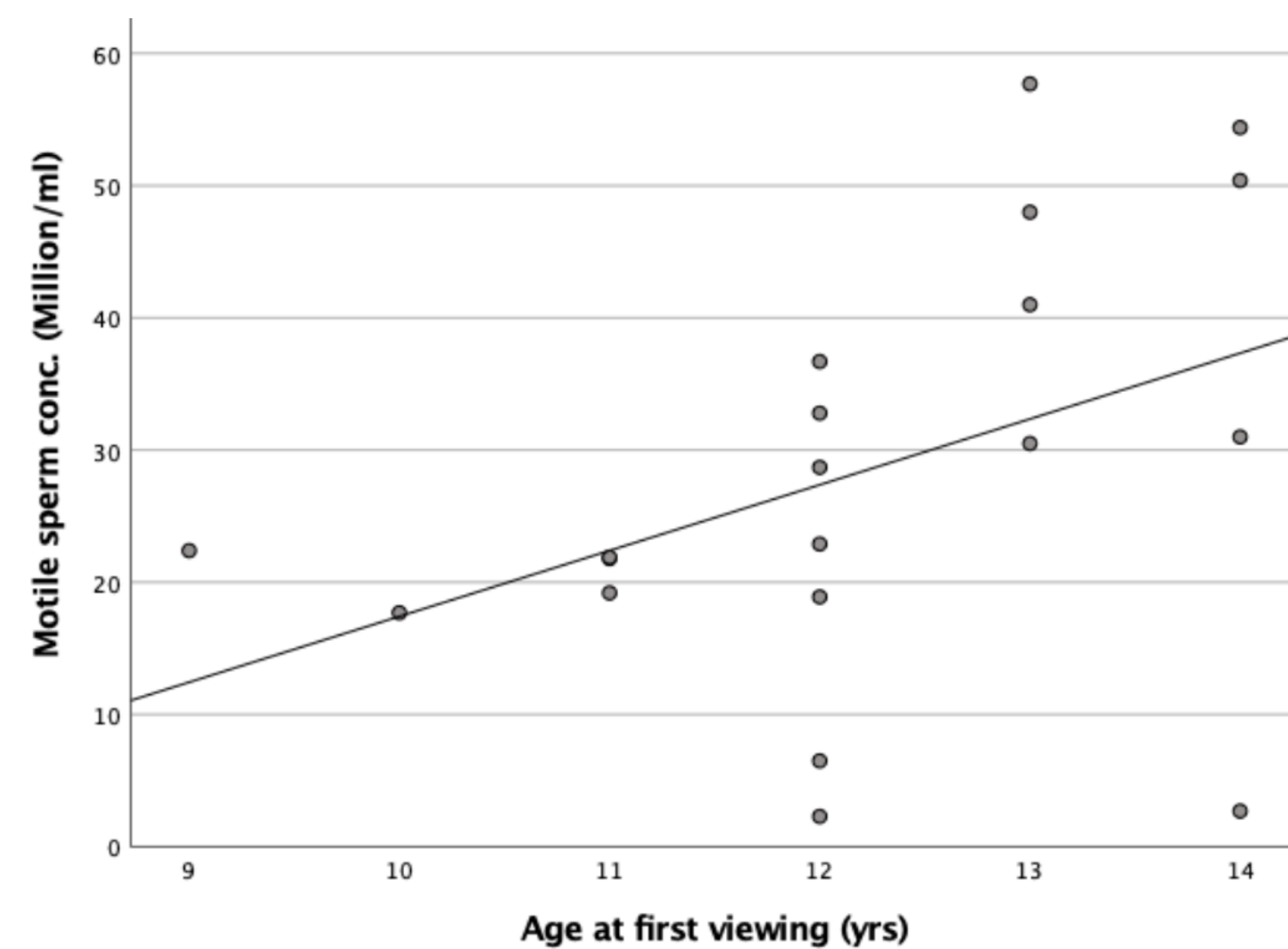


Introduction:

- Sperm count worldwide [1]:
 - 1987: 101 million sperm per per milliliter of semen
 - 2018: 49 million sperm per milliliter of semen
- Pornography sites use [2]:
 - 42.7% internet users visit sites
 - 25% visit sited everyday
- Excessive pornography use is associated with alterations in nervous pathways associated with desire and erections [3].
Mesolimbic Dopaminergic Pathway



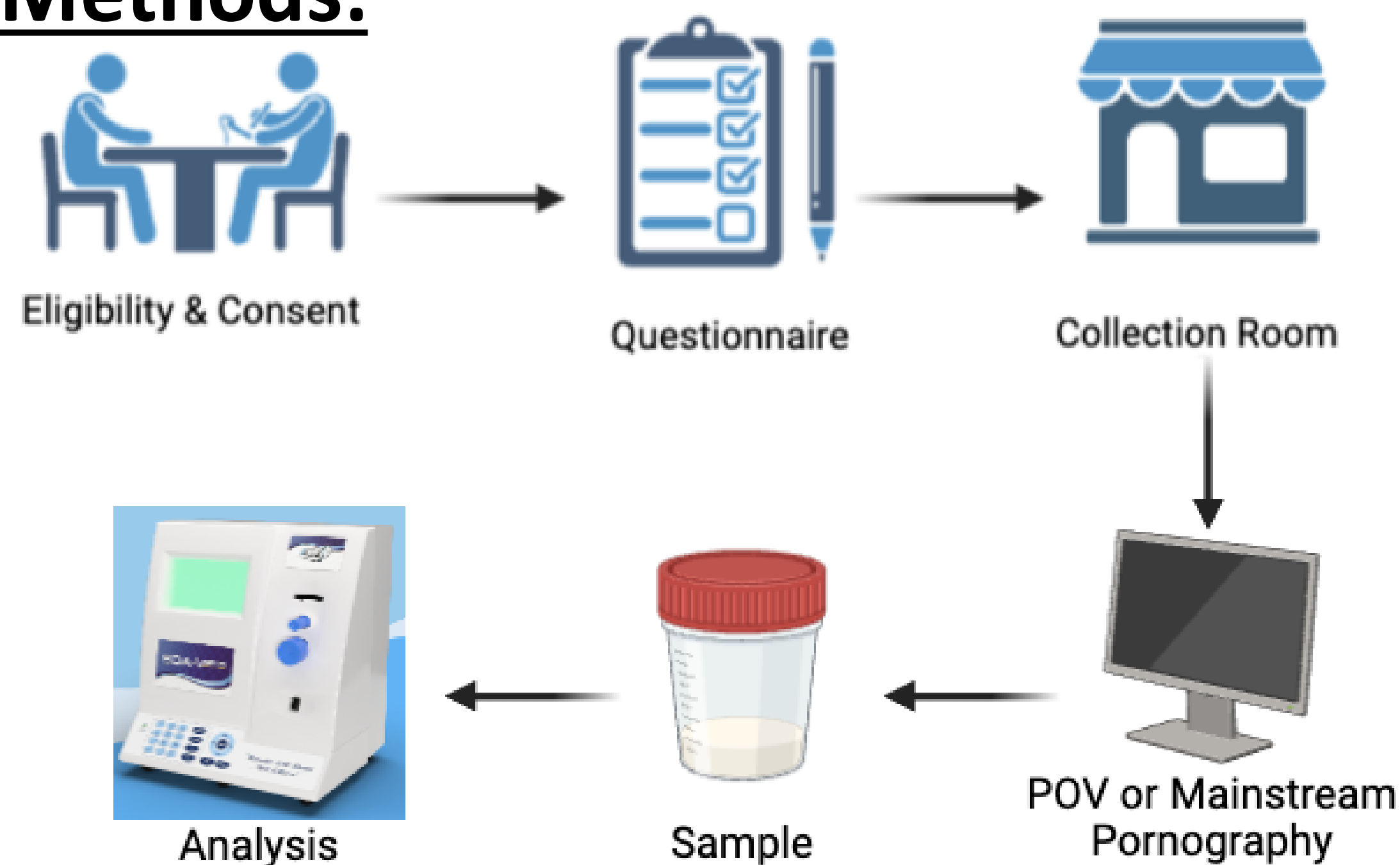
- Camacho, 2022 found a significantly positive relationship between age of first exposure and ejaculate parameters [4].



Research Question:

- Do pornographic habits predict ejaculate parameters and desensitization?

Methods:



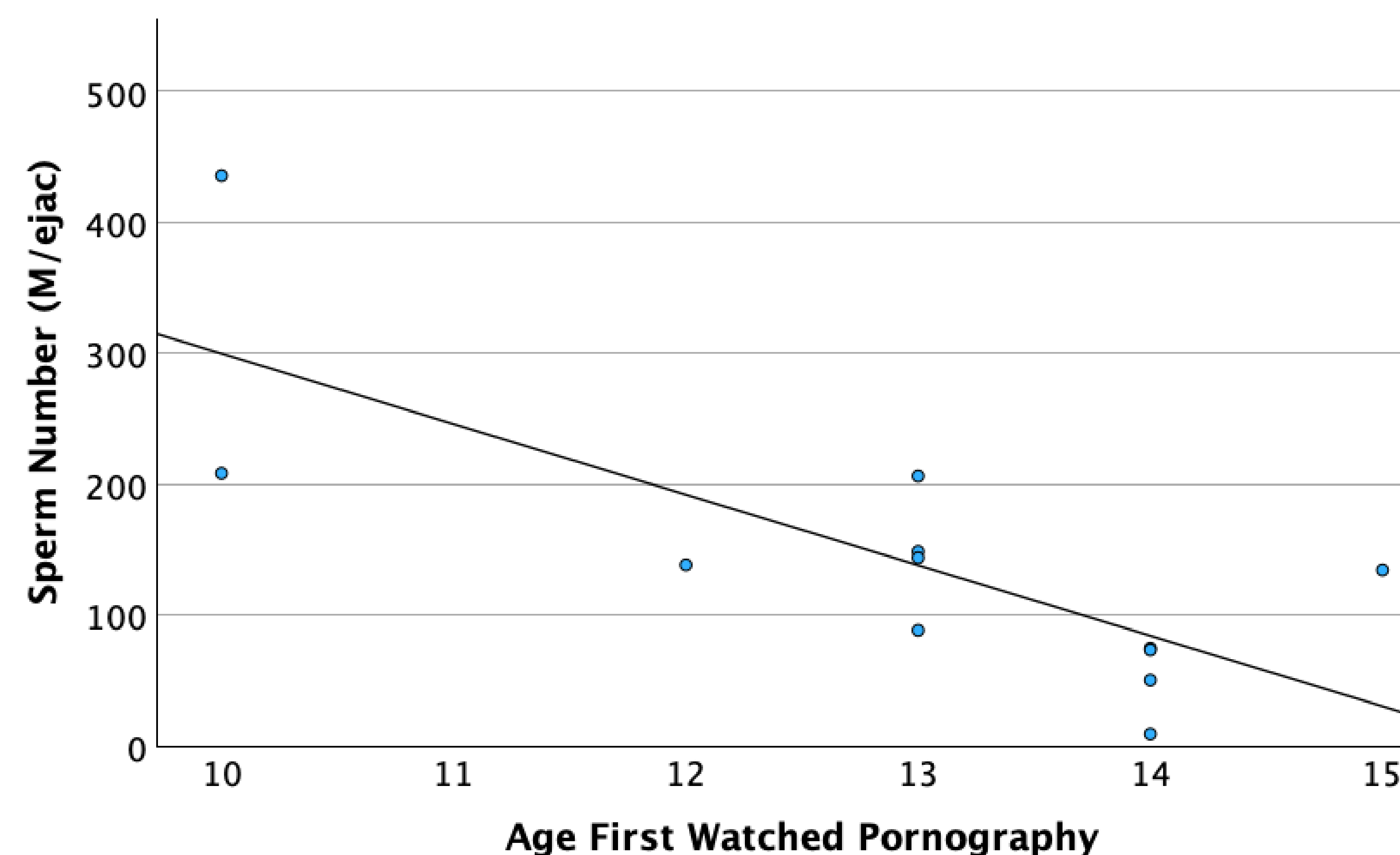
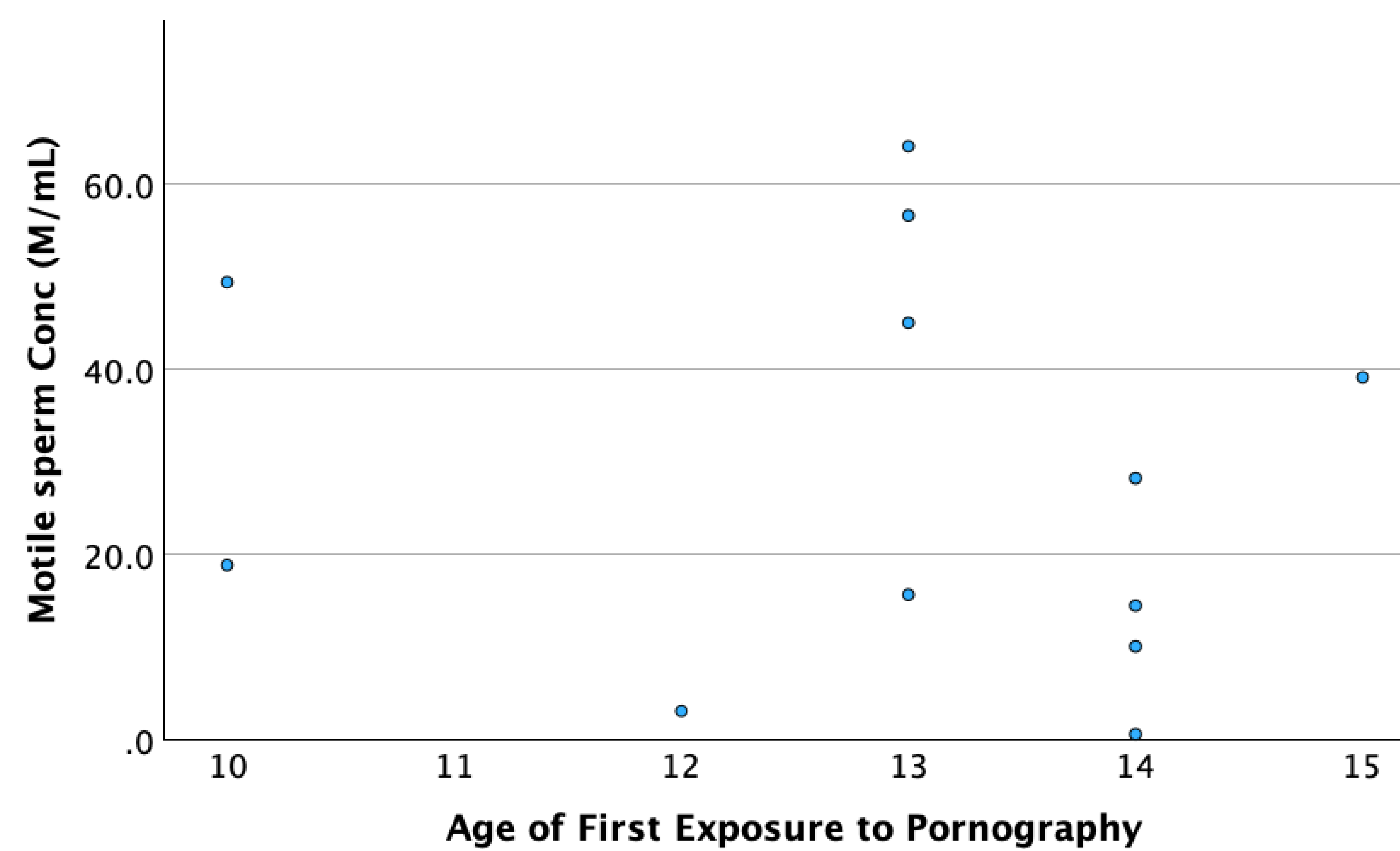
Aims:

- To re-test the relationship between age of first pornography exposure and motile sperm concentration.
- To test for evidence of desensitization to pornography.

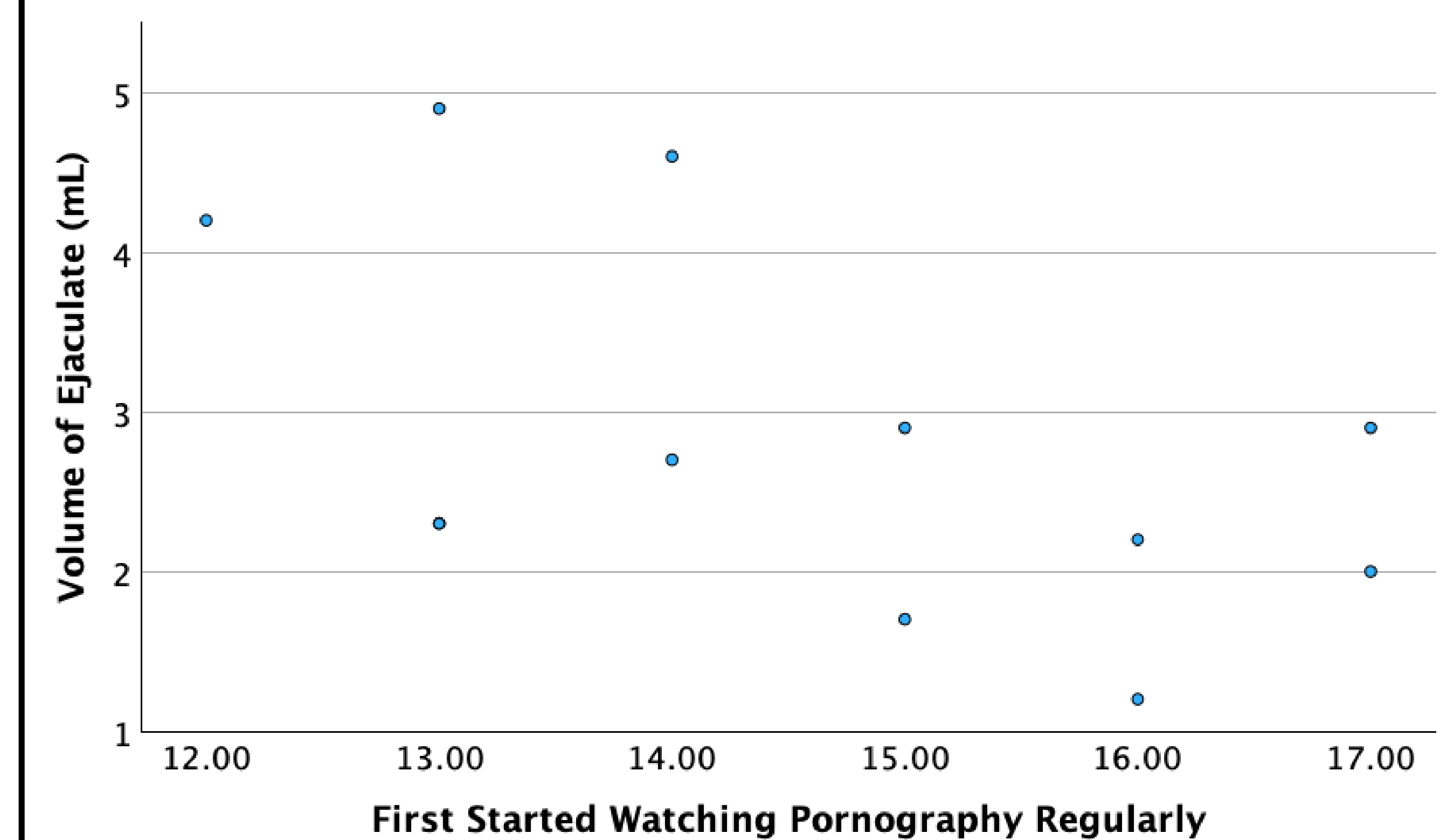
Hypothesis:

- A positive correlation would be seen between age of first exposure and ejaculate parameters.
- Males exposed to pornography at a younger age may be experiencing desensitization.

Results:



Results Continued:



Conclusion:

- Camacho's findings could not be confirmed and contrary results were found.
- There was no significant evidence of desensitization.
- Significant negative relationship was seen between age of first exposure and sperm number under both stimuli.

Future Research:

- Integrating the use of neuroimaging and physiological techniques
- Conducting a longitudinal based study over pornographic habits and ejaculate parameters.

Acknowledgments:

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- The College of Wooster Independent Study Fund

Literature cited:

[1] Armstrong, 2022; [2] Allen et al., 2017, Addictive Behaviors, 70, 65-71; [3] Park et al., 2016, Behavioral Science, 6, 17; [4] Camacho, 2022; BioRender