

Does stress due to mechanical delousing influence the outbreaks of pancreas disease in Atlantic salmon?



SCAN ME

Introduction

Pancreas disease (PD) poses a substantial threat to the Norwegian aquaculture industry. This affliction affects Atlantic salmon and rainbow trout during their seawater phase, leading to poor growth, reduced slaughter quality and significant economic losses.



Methods

The raw data for PD outbreaks and mechanical delousing frequency are from *Barentswatch*. Raw data were processed and analyzed in R-Studio (version 4.3.1).

Conclusion

The findings suggest an increase in pancreas disease outbreaks linked to the frequency of mechanical delousing.

Results

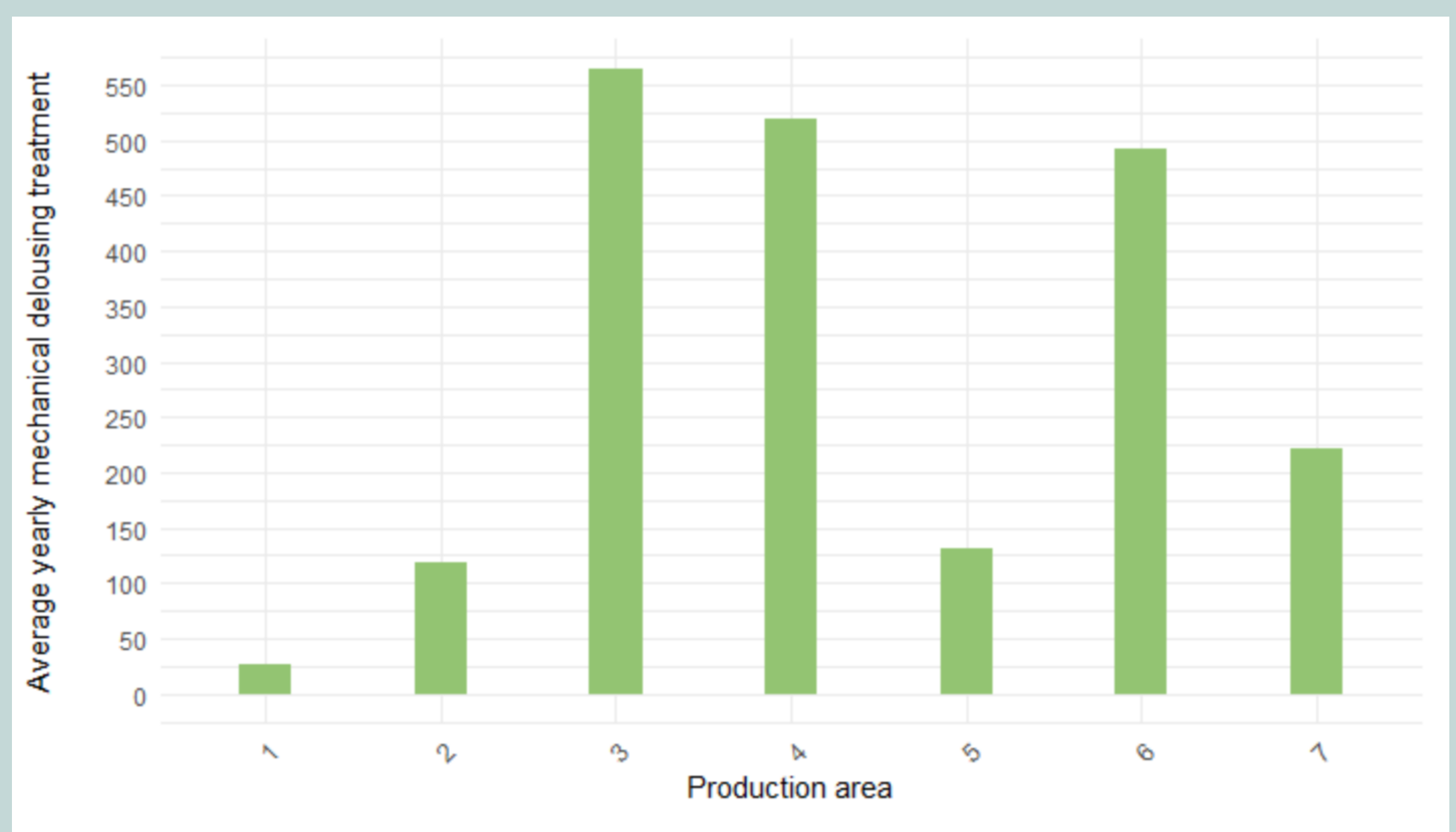


Figure 1: The average number of yearly mechanical delousing treatments over a five-year period (2018-2022), in the various production areas.

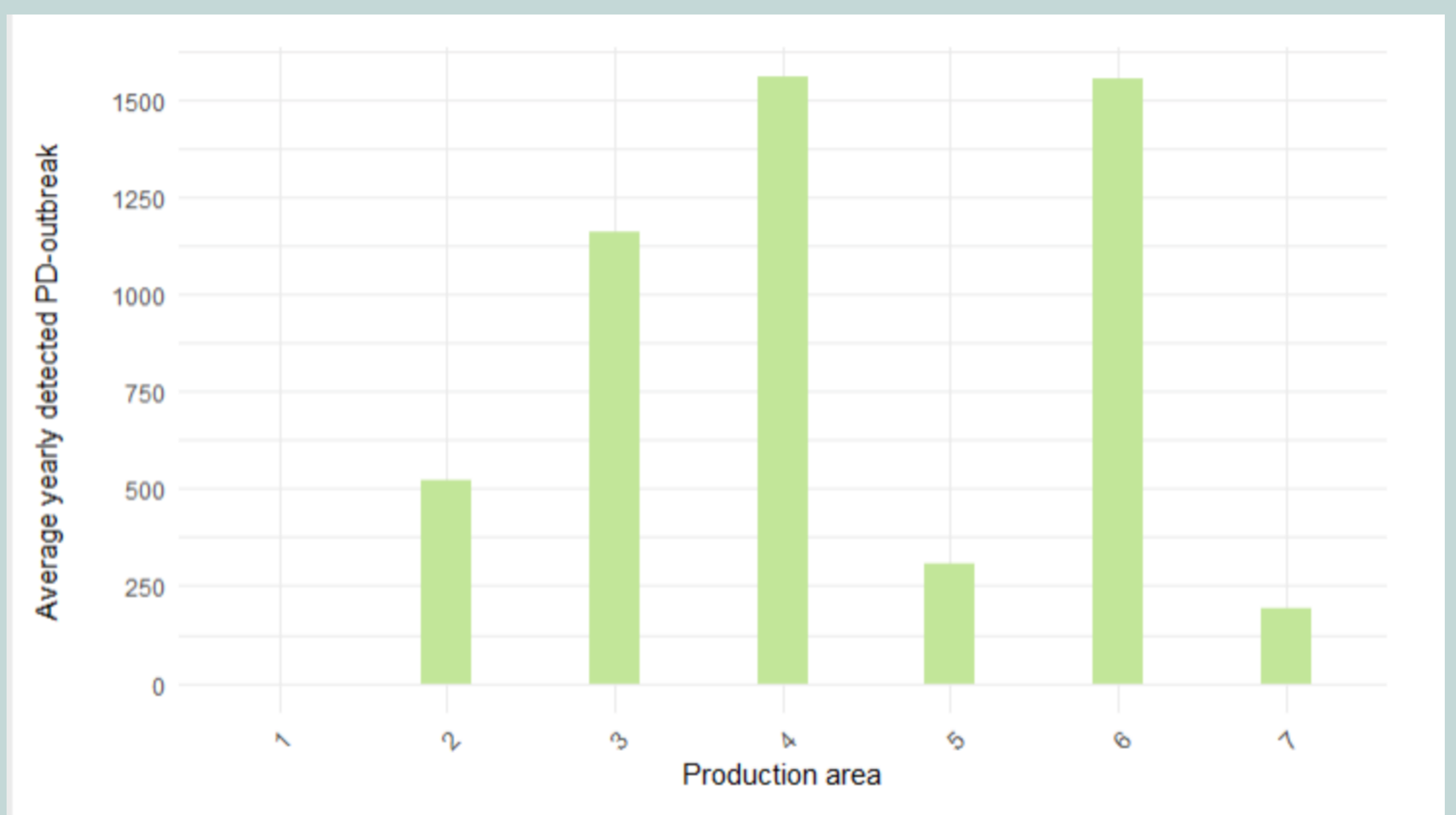


Figure 2: An average of yearly PD outbreaks within the various production areas in Norway over a period of five years (2018 – 2022).



References

BarentsWatch (2023) BarentsWatch. Available at: <https://www.barentswatch.no/> (Accessed: 12 October 2023). Fiskehelserapporten 2022 (2022). Available at: <https://www.vetinst.no/rapporter-og-publikasjoner/rapporter/2023/fiskehelserapporten-2022> (Accessed: 8 October 2023).