

Trends in heavy metal concentrations in *Mytilus edulis*
from several European nations

https://github.com/slm119/ENV872_FinalProject

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1 Rationale and Research Questions

2 Dataset Information

3 Exploratory Analysis

The ICES database includes *Mytilus edulis* sample data from 1979 to 2018 for X European countries. Most samples were collected near shorelines and within some enclosed bay or lake areas (Fig 1).

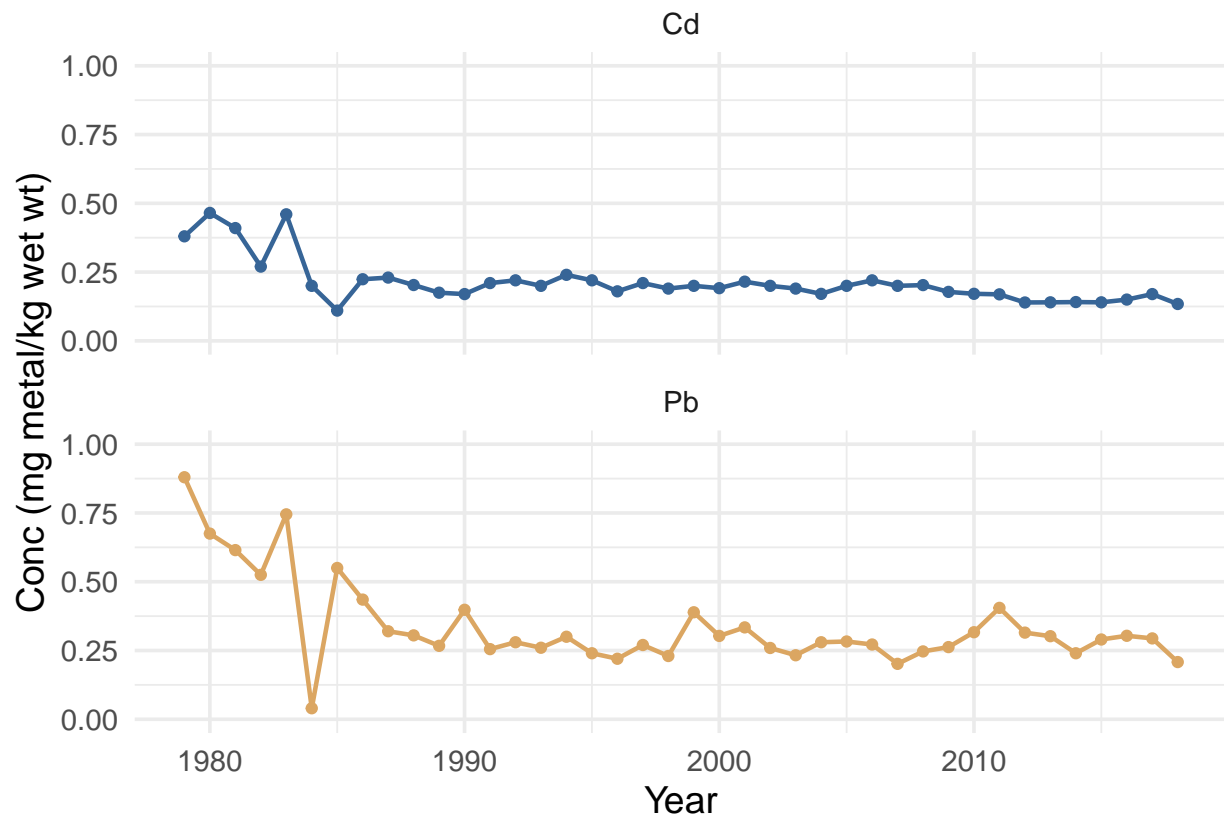


Figure 1: Yearly median concentrations of cadmium and lead in *Mytilus edulis* ICES monitoring data from 1979 to 2018.

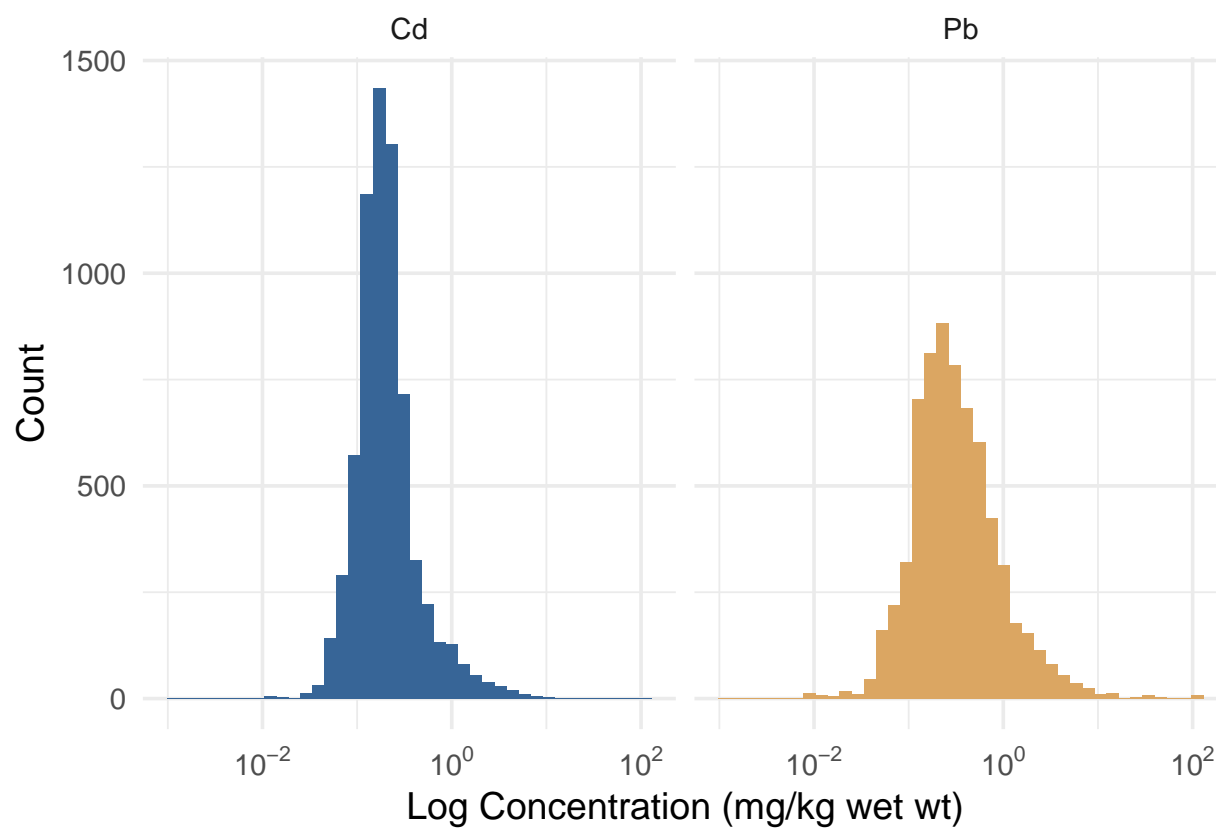


Figure 2: Concentrations of metals in *Mytilus edulis* by country

4 Analysis

4.1 Question 1: How have cadmium and lead concentrations in *Mytilus edulis* changed over time?

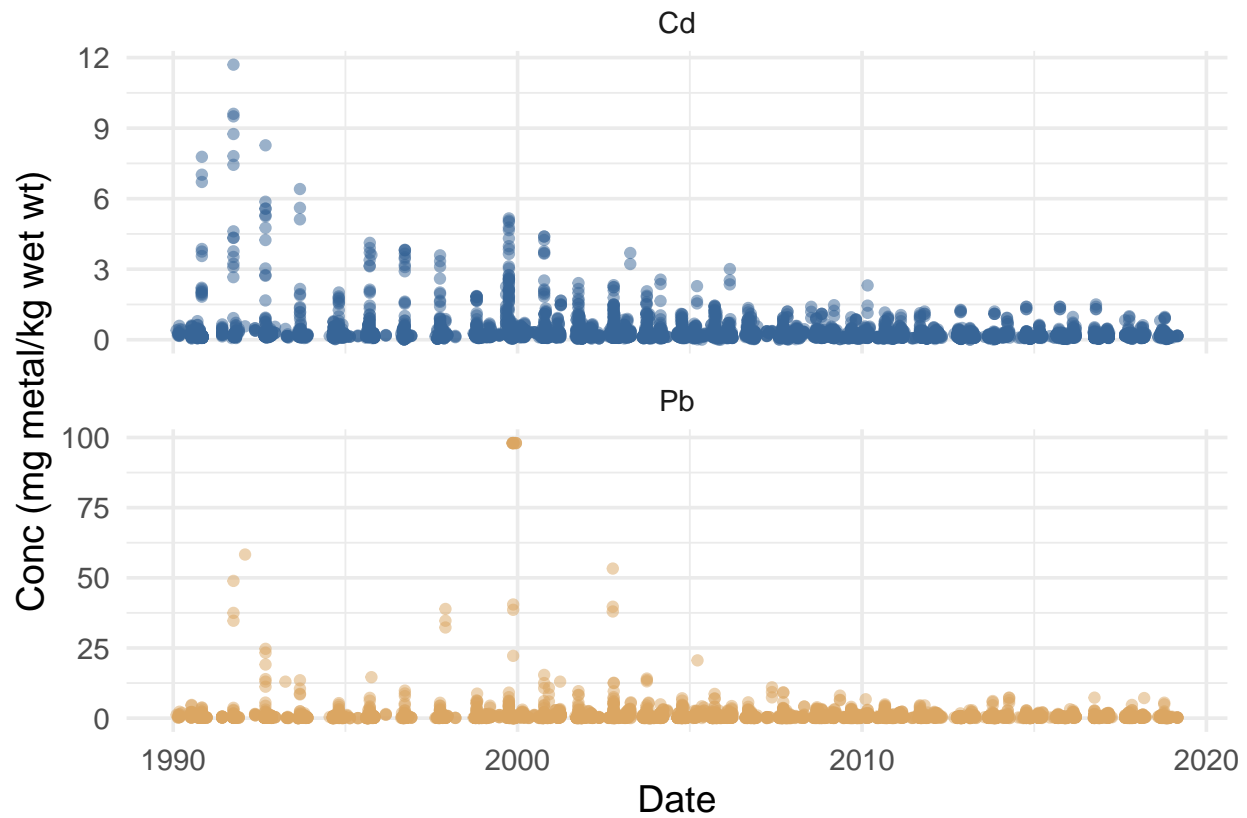


Figure 3: Concentrations of metals in *Mytilus edulis* over time

4.2 Question 2: Do cadmium and lead concentrations in *Mytilus edulis* differ by country?

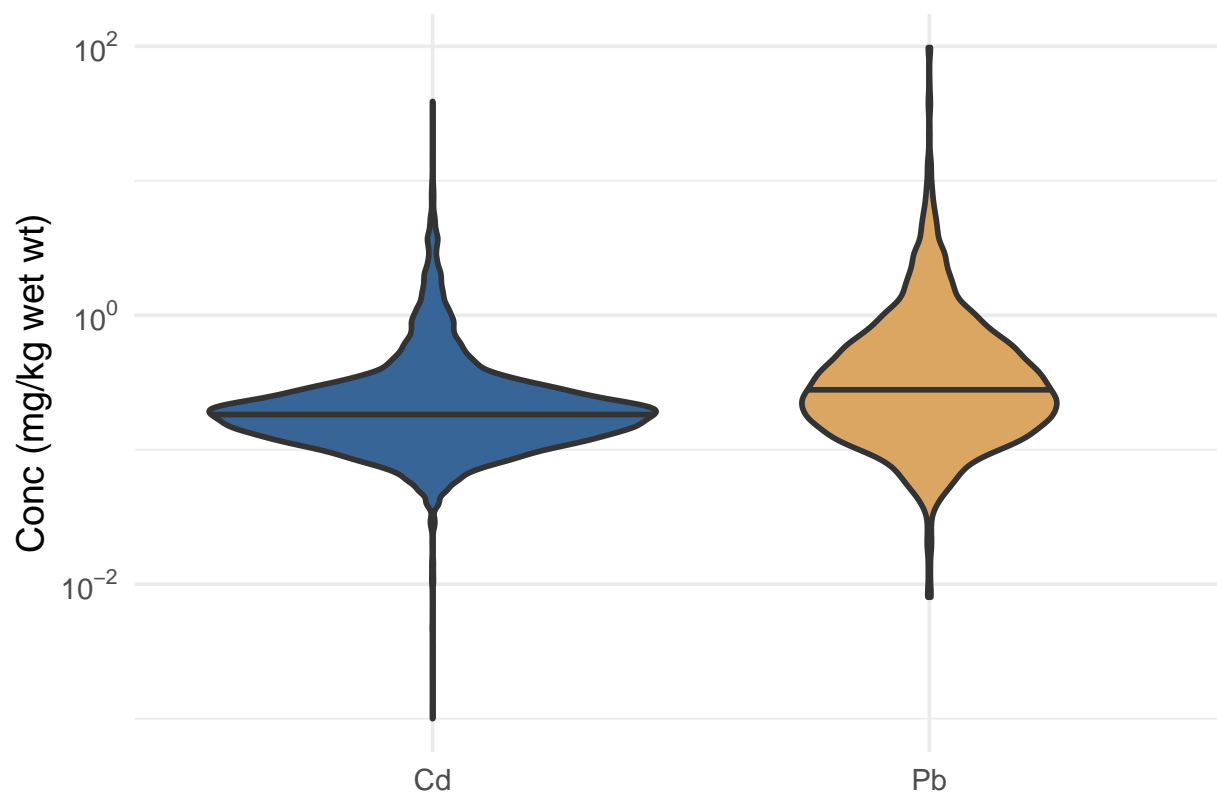


Figure 4: Sample count by country

5 Summary and Conclusions

6 References

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