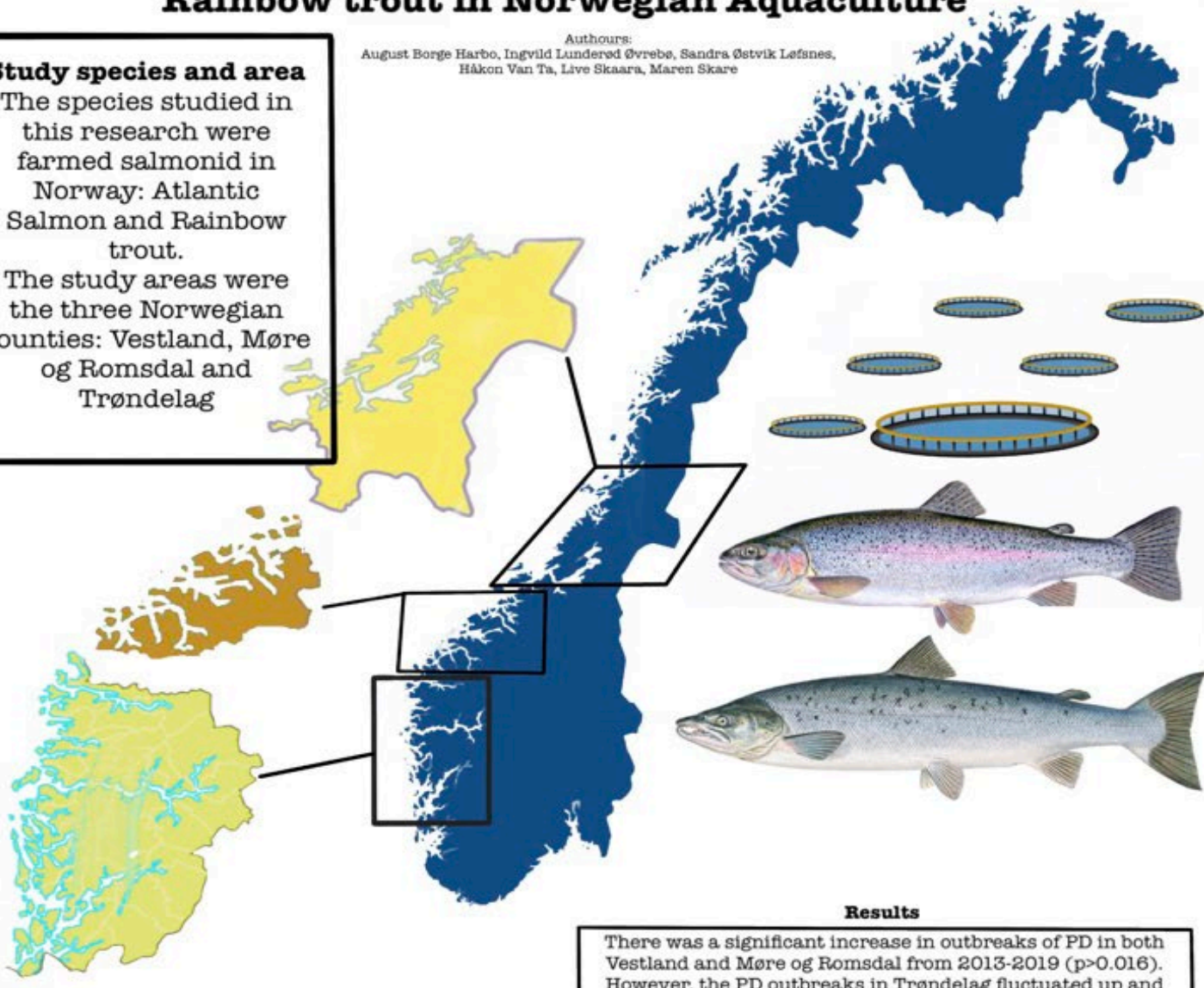


A comparative study of increasing annual outbreaks of pancreas disease (PD) in Atlantic Salmon and Rainbow trout in Norwegian Aquaculture

Authors:
August Borge Harbo, Ingvild Lunderød Øvrebe, Sandra Østvik Lefsnæs,
Håkon Van Ta, Live Skaara, Maren Skare

Study species and area

The species studied in this research were farmed salmonid in Norway: Atlantic Salmon and Rainbow trout.
The study areas were the three Norwegian counties: Vestland, Møre og Romsdal and Trøndelag



Results

There was a significant increase in outbreaks of PD in both Vestland and Møre og Romsdal from 2013-2019 ($p < 0.016$). However, the PD outbreaks in Trøndelag fluctuated up and down, showing no significant increase ($p < 0.44$) (Figure 1). Vestland county had the highest number of PD outbreaks each year and the number of cases has increased almost every year (Figure 1). The number of aquatic fish farms has not increased significantly over the past years ($p > 0.55$) (Figure 2).

Figure 1

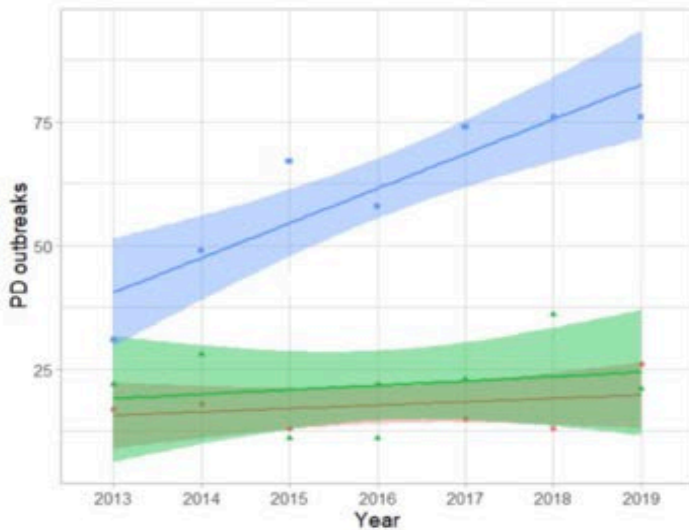


Figure 2

