**Monthly maps of AIS and Logbook data**

Chart, map

Description automatically generated

Graphical user interface, chart, map, scatter chart

Description automatically generated

**Same as figures above but just zoomed in closer to the coast**

Graphical user interface

Description automatically generated with low confidenceGraphical user interface

Description automatically generated

**AIS USA Troller VDM variable relative influence** (model tuning parameters:tree complexity = 6, learning rate = 0.1, bag fraction = 0.6)

A picture containing text, receipt

Description automatically generated

**Response Plots**

A picture containing text, sky, map, indoor

Description automatically generated

**Extra plots**

**Yearly AIS US trollers maps**

Map

Description automatically generated

**Histograms of variables used in the model**

Timeline

Description automatically generated